ARCHIVES OF PHYSICAL MEDICINE AND REHABILITATION Volume 56—January-December 1975

Number 1, January 1975

| Reflex Patterns Initiated by the Secondary Sensory Fiber Endings of Muscle Spindles: A Proposal, Frederic J. Kottke, M.D. Sexual Dysfunctions Associated With Physical Disabilities. Ernest R. Griffith, M.D.; Roberta | 1 |
|--|----------|
| B. Trieschmann, Ph.D.; George W. Hohmann, Ph.D.; Theodore M. Cole, M.D.; Jerome S. Tobis, M.D., and Victor Cummings, M.D. Sexual Attitude Reassessment Workshops: Effect on Spinal Cord Injured Adults, Their | 8 |
| Partners and Rehabilitation Professionals. James P. Held, B.Ch.E.; Theodore M. Cole, M.D.; Constance A. Held; Carol Anderson, and Richard A. Chilgren, M.D | 14 |
| Sexual Functioning in Women With Spinal Cord Injury. Ernest R. Griffith, M.D., and Roberta B. Trieschmann, Ph.D. | 18 |
| Negative Pressures During Swing Phase in Below-Knee Prostheses With Rubber Sleeve Suspension. Naoichi Chino, M.D.; J. Raymond Pearson, M.S.M.E.; James L. Cockrell, Ph.D.; Harry A. Mikishko, B.S.M.E., and George H. Koepke, M.D | 22 |
| Varghese, M.D.; Catherine Hinterbuchner, M.D.; Milton Bailey, R.P.T., and Nancy Hivry, R.P.T. | 27 |
| Vocational Potential Assessment. C. Poor, M.S.; C. Fletcher, Ph.D.; J. Thielges, M.A.; | |
| G. Gutknecht, M.A., and C. Morgan, Ph.D. Heterotopic Bone Formation and Alkaline Phosphatase. John T. Bolger, B.A. | 33 36 |
| Clinical Note | 30 |
| Floatation Pad Therapy for Decubitus Ulcers. Rosalie Paradis, R.N.; Merbin Williams, M.D.; Ann Manthey, R.N.; John Nickerson, M.D.; Charles Roberts, M.S., and | 10 |
| Meredith Himmelwright, M.A. New Congress President: John W. Goldschmidt, M.D. | 40 |
| 1974 Gold Key Award: Martha Taylor Sarno, M.A. | 45 |
| Letters to the Editor | 47 |
| Book Reviews | 48 |
| Number 2, February 1975 | |
| Professional Growth of the Physiatrist: Role of the American Academy of Physical Medicine | |
| and Rehabilitation. Leonard F. Bender, M.D. The Decompensated Back (Walter J. Zeiter Lecture). Donald L. Rose, M.D. | 49 51 |
| Causalgia, Michael J. Sternschein, B.A.; Stanley J. Myers, M.D.; Derek B. Frewin, M.D., and John A. Downey, M.D. Initial Work Tolerance of Extremely Obese Patients. Merle L. Foss, Ph.D.; Richard M. | 58 |
| Lampman, Ph.D.; Edward Watt, Ph.D., and David E. Schteingart, M.D. Energy Expenditure of Ambulation in Patients With Above-Knee Amputations. George H. | 63 |
| Traugh, M.D.; Paul J. Corcoran, M.D., and Rudolpho L. Reyes, M.D | 67 |
| T. Kavanagh, M.D., and R. J. Shephard, M.D. Renal Function in Patients With Spinal Cord Injury: The Eighth Year of a Ten-Year | 72 |
| Continuing Study. Mary Price, M.D.; F. J. Kottke, M.D., and M. E. Olson, B.S Electromyography in Paraspinal Muscles Following Surgery for Root Compression. Donald | 76 |
| H. See, M.D., and George H. Kraft, M.D. Phasic Conversion After Tibialis Posterior Transfer. Mary Verghese, M.B.B.S.; M. Radha- | 80 |
| krishnan; Herbert Chandrapal, and M. V. Jacob, B.E. | 83 |
| Clinical Note Recurrent Superior Mesenteric Artery Syndrome in a Quadriplegic Patient, Marcos | |
| Ramos, M.D. | 86 |
| New Academy President (Eugene Moskowitz, M.D.) | 88 |
| Frank H. Krusen Award (Sidney Licht, M.D.). Arthur S. Abramson, M.D. 1975 Academy Board of Governors and Committees | 90 92 |
| Survey of Selected Literature | 94 |
| Book Reviews | 95 |
| Erratum | 79 |
| Number 3, March 1975 | |
| Rehabilitation Medicine: Its Future in National Health Programs. Rene Cailliet, M.D | 97 |
| An Alternative Frame of Reference for Rehabilitation: The Helping Process Versus the Medical Model. Thomas P. Anderson, M.D. | 101 |
| Effectiveness of Aides in a Perceptual Motor Training Program for Children With Learning Disabilities. Jerome W. Gersten, M.D.; Kathryn B. Foppe, O.T.R.; Rhoda Gersten, B.A.; Sheryl Maxwell, R.P.T.; Penny Mirrett, M.A.; Margaret Gipson, Haskelene | |
| Houston, and Barbara Grueter, M.D. | 104 |

| Time Care Profile: An Evaluation of a New Method of Assessing ADL Dependence. Laura Halstead, M.D., and Ronald B. Hartley, Ph.D. Excitation Overflow: An Electromyographic Investigation. J. C. Moore, Ph.D. Verlo Orthosis: Experience With Different Levels in Normal Children. Neal Taylor, M.D., and Patricia L. Sand, Ph.D. Rehabilitation Care Course for Paraprofessional Personnel. Martin Grabois, M.D., and Dorothy B. Columbus, M.Ed. Fabrication of a Polysar, Temporary Prosthesis in a Hospital Setting. James Tucker, R.P.T., and Richard A. Sullivan, M.D. Therapeutic Groups for Patients With Spinal Cord Injuries. Donald Kenneth Miller, M.S.W.; Martha Wolfe, M.S.W., and Marvin H. Spiegel, M.D. | 115 120 122 125 |
|---|--------------------------|
| Toward Equal Opportunities in Recreation for the Disabled. Suzanne L. Harsanyi, M.S.T.R. 1975 Congress Board of Governors and Committee Book Reviews | 138 |
| Number 4, April 1975 | |
| | |
| Frequency of Training as a Determinant for Improvement in Cardiovascular Function and Body Composition of Middle-Aged Men, Michael L. Pollock, Ph.D.; Henry S. Miller, Jr., M.D.; A. C. Linnerud, Ph.D., and Kenneth H. Cooper, M.D. Temperature Distribution Produced in Models by Three Microwave Applicators at 433.92 Megahertz. Justus F. Lehmann, M.D.; Arthur W. Guy, Ph.D.; Jerry B. Stonebridge, B.S.; C. Gerald Warren, M.P.A., and Barbara J. DeLateur, M.D. Optimal Isokinetic Loads and Velocities Producing Muscular Power in Human Subjects. | 141 |
| Louis R. Osternig, Ph.D. | 152 |
| American Indian Sign: A Gestural Communication System for the Speechless. Madge Skelly, Ph.D.; Lorraine Schinsky, M.A.; Randall W. Smith, M.S.; Robert C. Donaldson, M.D., | |
| and John M. Griffin, M.D. Pressure Sores: An Operant Conditioning Approach to Prevention. Irwin B. Malament, M.S.; | 156 |
| Michael E. Dunn, Ph.D., and Ross Davis, M.D. The Reality of Restorative Care in Harlem's Municipal Hospital: The Patient as a Thera- | 161 |
| peutic Agent. Albert D. Anderson, M.D | |
| The Child Amputee: Summary of a Forum. Justin Alexander, Ph.D | 169 |
| Barkdoll, R.N., M.A. | 172 |
| Clinical Note Laryngectomy, Aphasia, and Oral Verbal Apraxia: Report of Three Cases. Robert L. | 174 |
| Keith, M.S., and Joe R. Brown, M.D. Prosthetics, Orthotics and Devices | 174 |
| Below-Knee Weight Bearing Brace for the Arthritic Foot. Robert L. Swezey, M.D Hydraulic Swing and Stance Phase Control for Above-Knee Amputees. Catherine | |
| Hinterbuchner, M.D.; Joji Sakuma, M.D., and David Levy, M.D | 183 |
| Book Reviews Survey of Selected Literature | |
| Survey of Selected Enterature | 100 |
| Number 5, May 1975 | |
| Urinary Manometry in Patients With Spinal Cord Injury: Neurological Considerations in the Rehabilitation of Acute and Chronic Neurogenic Bladder. Alain B. Rossier, M.D.; | |
| Reinhard Ott, M.D., and Matei S. Roussan, M.D. Voluntary Skeletal Muscles: A Unifying Theory on the Relationship of Their Electrical and | 187 |
| Mechanical Activities. Bruce Merrill Gans, M.D., and Abraham Noordergraaf, Ph.D Heterotopic Ossification in Spinal Cord-Injured Patients. Samuel L. Stover, M.D.; C. J. | 194 |
| Hataway, and H. Evan Zeiger | 199 |
| Thermography: An Aid in the Management of Insensitive Feet and Stumps. Harry T. Bergtholdt, M.S., L.P.T., and Paul W. Brand, C.B.E. | 205 |
| Candidates' Attitudes Toward Physical Medicine and Rehabilitation Oral Examination Procedures, Clay Gerken, Ph.D. | |
| Myocardial Performance of Disabled Patients in a Rehabilitation Program. Francis Naso, | |
| M.D. Paraspinal Electromyographic Abnormalities as a Predictor of Occult Metastatic Carcinoma. | |
| Richard Watson, M.D., and George W. Waylonis, M.D. A New Urethroanal Reflex Revealed by Sphincter Electromyography. Asa P. Ruskin, M.D., | |
| and Joseph E. Davis, M.D. Prosthetics, Orthotics and Devices | 218 |
| Pelvic Band Use in Orthotics for Adult Paraplegic Patients. C. Gerald Warren, M.P.A.; Justus F. Lehmann, M.D., and B. J. DeLateur, M.D. | 221 |
| Letters to the Editor | - |

| 1975 TABLES OF CONTENT | 571 |
|--|--|
| Survey of Selected Literature | |
| Number 6, June 1975 | |
| Biofeedback Treatment of Foot-Drop After Stroke Compared With Standard Rehabilitation Technique: Effects on Voluntary Control and Strength. J. V. Basmajian, M.D.; C. G. Kukulka, B.S.; M. G. Narayan, M.D., and K. Takebe, M.D. Peroneal Nerve Stimulator in Rehabilitation of Hemiplegic Patients. Kyoichi Takebe, M.D.; Carl Kukulka, B.S.; Mysore G. Narayan, M.D.; Morris Milner, Ph.D., and J. V. Basmajian, M.D. Peroneal Nerve Conduction Velocity After Chronic Electrical Stimulation. Robert L. Waters, M.D.; Donald R. McNeal, Ph.D., and James Tasto, M.D. Optimal Stimulus Parameters for Minimum Pain in the Chronic Stimulation of Innervated Muscle, F. Gracanin, M.D., and A. Trıkoczy, El.Eng. Physical Training: Comparative Responses of Middle-Aged Adults. L. H. Getchell, Ph.D., and J. C. Moore, M.D. Physical Conditioning of Less Fit Adults by Use of Leg Weight Loading. Kent B. Pandolf, Ph.D., and Ralph F. Goldman, Ph.D. Leg-Lift Strength Test With Electrogoniometric Analysis of Knee Angle. Mohan Singh, Ph.D., and T. M. Buck, M.Sc. Sexuality and Spinal Cord Injury: Some Psychosocial Considerations. Jeffrey C. Teal, M.A., and Gary T. Athelstan, Ph.D. Problem Oriented Medical Records: Their Impact on Staff Communication, Attitudes and Decision Making. Sidney M. Dinsdale, M.D.; Michael Gent, M.Sc.; Gerald Kline, Ph.D., and Ruth Milner, M.Sc. Prosthetics, Orthotics and Devices Self-Closing Leg-Bag Valve for Quadriplegics. Robert Kolwicz; Myron Youdin, and G. Heiner Sell, M.D. Book Reviews | 2377 2440 2433 2500 2555 2611 2644 2699 2744 2755 |
| Survey of Selected Literature | 278 |
| Number 7, July 1975 | |
| Building on Dr. Coulter's "Foundation." Twenty-fourth John Stanley Coulter Memorial Lecture. Henry B. Betts, M.D Slowing of Nerve Conduction Velocity in Hemiplegia: Possible Factors. Kyoichi Takebe, M.D.; Mysore G. Narayan, M.D.; Carl Kukulka, B.S., and John V. Basmajian, M.D Training Examiners to Administer a Quantitative Neurological Examination for a Multicenter Clinical Trial. William G. Henderson, Ph.D.; Wallace W. Tourtellotte, M.D., | |
| and Alfred R. Potvin, Ph.D. Grip Strength and Grip Endurance in Physical Therapy Students. Vincent C. Nwuga, M.S Vocational Status of Multiple Sclerosis Patients in Israel. R. Rozin, M.D.; Y. Schiff, M.L.C.; E. Kahana, M.D., and D. Soffer, M.D. Orthotics Research Evaluation Framework. Frances Rizzo, O.T.R.; Byron B. Hamilton, M.D., and Robert D. Keagy, M.D. Rehabilitation After Bilateral Lower Extremity Amputation. Morris D. Kerstein, M.D.; Howard Zimmer, M.A.; Frederick E. Dugdale, M.D., and Emanuel Lerner, M.A | 289 296 300 304 |
| Clinical Notes Lead Neuropathy: Case Report. Shin Joong Oh, M.D. Mobilization of a Patient With Progressive Neuromuscular Disease and Lower Extremity Fractures. Julie G. Botvin, M.D.; John F. Ditunno, Jr., M.D., and Gerald J. Herbison, M.D. Multiple Peripheral Nerve Injuries Simulating Hemiparesis in Drug Abusers. Abraham N. Lieberman, M.D., and Neil Spielholz, Ph.D. | 317 |
| Prosthetics, Orthotics and Devices Plastic-Molded Knee-Ankle-Foot Orthoses in the Treatment of Duchenne Muscular Dystrophy, Irwin M. Siegel, M.D. Survey of Selected Literature Book Reviews | 322 323 |
| Number 8, August 1975 | |
| Bone Metabolism in Quadriplegia: Dissociation Between Calciuria and Hydroxyprolinuria. Jacqueline Claus-Walker, Ph.D.; W. A. Spencer, M.D.; R. E. Carter, M.D.; L. S. Halstead, M.D.; R. H. Meier III, M.D., and R. J. Campos, M.D. Serial Nerve Conduction and Electromyographic Studies in Experimental Allergic Neuritis. George H. Kraft, M.D. Aerobic Power Prediction in Patients Recovering From Limb Injury. C. T. M. Davies, Ph.D., and A. I. Sargeant, B.Ed. | 327 |

| 3/1 | 1775 TABLES OF CONTENT | |
|--|--|---------------|
| Six Cases. Joseph C. Honet, M. M.D.; Adrian Kantrowitz, M.D.; Adrian Kantrowitz, M. Long Thoracic Nerve Palsy: A Follo Kenrick, M.D., and Mark V. Blu Heterotopic Bone Formation About the Injury. George H. Hassard, M.D. Clinical Notes Translumbar Amputation for M. Sanders W. Davis, M.D.; D. Traumatic Quadriplegia Associa Reports. Thomas E. Strax, Mobility for a Multidisabled Ch. M.D. Prosthetics, Orthotics and Devices Wheelchair Modifications for Ea and Uzi Danziger | g(s) After Use of Intraaortic Balloon Pump: Report of D.; Waldemar J. Wajszczuk, M.D.; Melvin Rubenfire, M.D., and James A. Raikes, M.D | 2 5 9 3 5 9 1 |
| Num | ber 9, September 1975 | |
| Stroke: Does Rehabilitation Affect O R. S. Fowler, Jr., Ph.D.; C. G. A.C.S.W.; R. Hurka, M.S. K. H. Chambers, A.C.: Stroke Rehabilitation: Outcome and M.D.; R. S. Fowler, Jr., Ph.D. Schertzer, A.C.S.W.; R. F. M.D., and K. H. Chan Exercise Electrocardiograms: Code fc John W. LaBree, M.D.; William A Rehabilitation Evaluation System Record. Leon Reinstein, M.D.; M.D. Semi-Flexible Sockets for Amputation Ph.D., and S. Mackay, M.Ed. Abdominal Problems in Patients Wi William E. Staas, Jr., M.D., and Clinical Note Cloran Telescoping Oral Orthor D.D.S. Prosthetics, Orthotics and Devices Cosmetic Cover for Endoskelet Leavitt, M.D.; Thomas A. Paul H. Newell, Jr., Ph | witcome? J. F. Lehmann, M.D.; B. J. DeLateur, M.D.; Warren, M.P.A.; R. Arnhold, B.S.E.E.; G. Schertzer, W.; J. J. Whitmore, M.D.; A. J. Masock, M.D., and S.W. 375. d Prediction. J. F. Lehmann, M.D.; B. J. DeLateur, C. G. Warren, M.P.A.; R. Arnhold, B.S.E.E.; G. Marka, M.S.W.; J. J. Whitmore, M.D.; A. J. Masock, M.D.; A. J. Masock, M.D.; A.C.S.W. 383. Their Clinical Evaluation. Marcos U. Ramos, M.D.; Remole, M.D., and William G. Kubicek, Ph.D. 390. Which Complements the Problem-Oriented Medical William E. Staas, Jr., M.D., and Carl H. Marquette, M.D.; Below the Knee. D. C. Symington, M.B.; P. J. Lowe, M.D.; A. Sis. Richard J. Materson, M.D., and J. Wendell Lotz, 405. Sis. Richard J. Materson, M.D., and J. Wendell Lotz, 405. al Prosthetic Systems, A New Technique. Lewis A. Krouskop, Ph.D.; Alvin L. Muilenburg, C.P.O., and M.D. 416. | 3 0 6 9 5 9 |
| | | |
| Cardiac Evaluation of a Physical Rel Disease. David Cardus, M.D.; F Ph.D. The Neurological Examination: Adv and W. W. Tourtellotte, M.D. Quantitative Examination of Neurolo Potvin, Ph.D.; W. W. Tourtellot M.S. Heating Patterns Produced in Human Contact Applicator. Justus F. Lel Stonebridge, B.S. | nabilitation Program for Patients With Ischemic Heart rancisco Fuentes, M.D., and Ramachandra Srinivasan, | 8 |
| ing: An Assessment. C. Gerald W Clinical Note Quadriplegia Following Cervica Metastasis, Myron M. LaBa Letters to the Editor | arren, M.P.A., and Justus F. Lehmann, M.D | 5 8 |
| | | |

| Number 11, November 1975 | |
|--|-----|
| Bladder Training: Its Role in Evaluating the Effect of an Antispasticity Drug on Voiding in | |
| Patients With Neurogenic Bladder. Matei S. Roussan, M.D.; Arthur S. Abramson, M.D.; | |
| Samuel A. Levine, M.D., and Arie Feibel, M.D. | 463 |
| Sequence of Electromyographic Abnormalities in Stroke Syndrome. Ernest W. Johnson, | |
| M.D.; Sharon T. Denny, M.D., and John P. Kelley, M.D. | 468 |
| Medical Education: A Required Clerkship in Rehabilitation and Chronic Disease. Charles J. | |
| | 474 |
| Pneumatic Orthosis for Paraplegic Patients: Functional Evaluation and Prescription Con- | |
| siderations. Kristjan T. Ragnarsson, M.D.; G. Heiner Sell, M.D.; Margaret McGarrity, | 470 |
| B.S., R.P.T., and Reuven Ofir, B.S., R.P.T. Synergistic Tenotomy: Effect on Chronically Denervated Slow and Fast Muscles of Rat. | 479 |
| | 483 |
| Bone Mineralization in the Distal Forearm of Hemiplegic Patients. N. Eric Naftchi, Ph.D.; | 103 |
| Anna T. Viau, Ph.D.; Christopher H. Marshall, Ph.D.; W. Sanders Davis, M.D., and | |
| | 487 |
| F-Wave Conduction Velocity in the Central Segment of the Peroneal and Tibial Nerves. | |
| | 492 |
| Clinical Note | |
| Urinary Catheterization in Severe Sphincter Spasticity: Report of Two Cases. Bruce M. | |
| Gans, M.D.; Timm Zimmerman, M.D., and Walter C. Stolov, M.D. | 498 |
| Prosthetics, Orthotics and Devices | |
| Combination Wheelchair-Stretcher ("Blythemobile"). Jacob F. Katz, M.D., and Robert | |
| | 499 |
| Letters to the Editor | 500 |
| New Board Diplomates | 502 |
| Survey of Selected Literature | |
| Book Reviews | |
| acordina in the internal in th | 001 |
| Number 12, December 1975 | |
| Number 12, December 1975 | |
| Electrophysiological Orthosis for the Upper Extremity in Hemiplegia: Feasibility Study. | |
| R. Merletti, Ph.D.; R. Acimovic, M.D.; S. Grobelnik, M.D., D.Sc., and G. Cvilak | 507 |
| Vocational Diagnosis Through Assessment of Functional Limitations. Nancy M. Crewe, | |
| ,,,,,,, | 513 |
| Memory Functioning in Hemiplegics: A Neuropsychological Analysis of the Wechsler | |
| Memory Scale. Paul L. Wang, Ph.D.; Joel R. Kaplan, Ph.D., and Eugene J. Rogers, | |
| M.D. Vocational Adjustment After Laryngectomy. Richard T. Goldberg, Ed.D., and A. Winton | 517 |
| Bigwood, Ed.M | 521 |
| Hyperthermia: Effect on Exercise Prescription. Kent B. Pandolf, Ph.D.; Enzo Cafarelli, | 341 |
| Ph.D.; Bruce J. Noble, Ph.D., and Kenneth F. Metz, Ph.D. | 524 |
| Editorial | 344 |
| The Self Assessment Examinations of 1974 and 1976 | 527 |
| 1975 Academy/Congress Abstracts | |
| 1975 Annual Index | |



ARCHIVES OF PHYSICAL MEDICINE AND REHABILITATION SUBJECT INDEX

NOTE: Abstracts of scientific papers presented at the Annual Session of the American Congress of Rehabilitation Medicine and the Annual Assembly of the American Academy of Physical Medicine and Rehabilitation are indicated by (abs).

A

ABDOMINAL PROBLEMS in patients with spinal cord lesions, 405

ACADEMY, American, of Physical Medicine and Rehabilitation

. . abstracts, 1975 annual assembly, 528

. . directory of PM&R societies in U.S., 502

. . . Krusen Award, S. Licht, 90

. . officers and committees, 92

. President, 1974-1975, E. Moskowitz, 88

. . . Presidential address, L. F. Bender, 49 . . . self-assessment examinations, 527

. . Zeiter lecture, D. L. Rose, 51

ACROMIOCLAVICULAR JOINT and shoulder disability, arthrographic and anatomic studies, 539 (abs)

ADL DEPENDENCE assessment by time care profile, 110 ACUPUNCTURE, an historical recapitulation, 530 (abs)

. . for pain, 172

. in treatment of myofascial pain, 567 (abs)

ACUPUNCTURE POINTS, coincidence with motor points of skeletal muscles, 550 (abs)

ADJUSTMENT, vocational, after laryngectomy, 521, 539 (abs)

AEROBIC POWER prediction in patients recovering from limb injury, 340

AIDES in a perceptual motor training program for children with learning disabilities, 104

AIR SPLINTS in lower extremity amputee management, 564 (abs)

ALKALINE PHOSPHATASE and heterotopic bone formation, 36

ALLERGIC NEURITIS, experimental, electrodiagnostic studies, 333

ALLEVIATION OF PAIN, forum, 172

ALTERNATIVE frame of reference for rehabilitation, the helping process versus medical model, 101

AMBULATION, energy expenditure with above knee amputations, 67

AMERICAN BOARD of Physical Medicine and Rehabilitation, new diplomates, 1975, 501

AMERICAN INDIAN SIGN, a gestural communication system for the speechless, 156

AMITRIPTYLINE for severely depressed plegic patients, rapidity of response, 547 (abs)

AMPUTATION and hemiplegia, rehabilitation, 566 (abs) . . . below knee, semi-flexible sockets, 399

. . bilateral of lower extremities, rehabilitation, 309

. . . dominant vs nondominant, rehabilitation success, 547 (abs)

. . . lower extremity, rehabilitation delays, 547 (abs) . . . lower extremity, use of air splints, 564 (abs)

. . . lower extremity, xerographic evaluation of prosthetic fitting, 566 (abs)

. . . translumbar, for pelvic osteomyclitis, 359

AMPUTATIONS, above knee, ambulation energy expenditure, 67

AMPUTEE CHILD, 169

AMPUTEE REHABILITATION assessment using textgenerating data processing system, 561 (abs)

AMPUTEES, above knee, hydraulic prosthesis control, 179 . . . and sexual dysfunction, 12

. . . thermography of insensitive stumps, 205

ANAL SPHINCTER electromyography, ure throanal reflex, $218\,$

ANTICOAGULATION, retroperitoneal hemorrhage with paraplegia, 531 (abs)

ANTI-THERAPY PROCESS, why doesn't the patient get well, 543 (abs)

APHASIA and driving skill, 552 (abs)

. . . and oral verbal apraxia in laryngectomees, 174

. . . gestural communication with American Indian sign,

. . . rehabilitation, 544 (abs)

APONEUROSES and muscle fiber shortening in immobilization contracture, 562 (abs)

APRAXIA, speech therapy, 534 (abs)

. . . test battery for measuring its severity, 563 (abs)

ARTHRITIC FOOT, below knee weight bearing brace, 176 ARTHRITIS and transportation by bus, 559 (abs)

. . . patient education, 564 (abs)

. . . rheumatoid and tarsal tunnel syndrome, 539 (abs)

. . rheumatoid, gold therapy, 557 (abs)

. . . use of hand gym, 561 (abs)

ARTHROGRYPOSIS MULTIPLEX, mobilization, 365

ASCORBIC ACID and cranberry effect on urinary pH, 556 (abs)

ASSISTIVE DEVICE efficacy for high quadriplegics, 568 (abs)

ASYMMETRIC ilio-tibial band tightness after muscle biopsy, 545 (abs)

ATHEROSCLEROTIC peripheral vascular disease, treatment with diet and exercise, 558 (abs)

ATROPHY of muscle from various causes, 542 (abs)

ATTITUDE reassessment workshops, sexual, 14

ATTITUDES of candidates toward ABPM&R oral examination procedures, 209

. . of staff, impact of problem oriented medical records, 269

AUDITORY FEEDBACK from limb and crutch used to control weight bearing during ambulation, 567 (abs)

AUTOGENIC TRAINING as a modality for pain control in a pain treatment center, 556 (abs)

AVOCATIONAL COUNSELING in a rehabilitation unit, 562 (abs)

В

BACK, decompensated, 51

BACK PAIN, chronic disabling, 528 (abs)

BACTERIURIA in patients with ileal diversions, 555 (abs)

. . . in patients with spinal cord lesions and the relationship of urinary drainage appliances, 556 (abs)

BAND, pelvic and adult paraplegic patients, 221

BELOW-KNEE weight-bearing brace for the arthritic foot,

BELOW-KNEE PROSTHESES with rubber sleeve suspension negative pressures, 22

BENT-KNEE, bent-hip sit down exercise, 552 (abs)

BILATERALITY of carpal syndrome, 540 (abs)

BIOFEEDBACK as treatment for postural hypotension in spinal cord lesion patient, 532 (abs) . . . for controlled partial weight bearing, 449 . . . treatment of foot-drop after stroke compared with standard rehabilitation technique, effects of voluntary control and strength, 331

BIOMECHANICAL and functional evaluation of Craig-Scott orthosis, 550 (abs)

BLADDER conditioning techniques in spinal cord injured, 545 (abs)

. . . contractility and tranquilizers, 548 (abs)
. . . sphincter spasticity and catheterization, 498

BLADDER NECK surgery in spinal cord injured, 549 (abs)

BLADDER, NEUROGENIC

. . . and antispasticity drug (Lioresal), 463

. . urinary manometry, 187

BLADDER REHABILITATION in spinal cord injury, 557 (abs)

BLADDER TRAINING, its role in evaluating the effect of an antispasticity drug on voiding in patients with neurogenic bladder, 463

BODY COMPOSITION improvement and frequency of training, 141

BODY MECHANICS interdisciplinary training program, 558 (abs)

BONE METABOLISM in quadriplegia, dissociation between calciuria and hydroxyprolinuria, 327

BONE MINERALIZATION in distal forearm of hemiplegia patients, 487

BOOK REVIEWS

Abramson, Vascular Disorders of the Extremities (2nd Edition), Harper and Row, 1974, 417

Aurelia, Aphasia Therapy Manual, Interstate Printers and Publishers, 1974, 184

Berg, Health Status Indexes, Hospital Research & Educational Trust, 1973, 326

Bender, Prostheses and Rehabilitation After Arm Amputation, Thomas, 1974, 374

Caldwell, Urinary Incontinence, Grune & Stratton, 1975, 504

Chase, Retrolental Fibroplasia and Autistic Symptomatology, American Foundation for the Blind, 325 Cobb, Medical and Psychological Aspects of Disability, Thomas, 372

Cobb, Special Problems in Rehabilitation, Thomas, 1974, 374

Compere, Orthopaedic Surgery, Year Book Medical Publishers, 1974, 462

Comroe, Annual Review of Physiology, Volume 36, Annual Reviews, Inc, 1974, 326

Comroe, Annual Review of Physiology, Volume 37, Annual Reviews, Inc, 1975, 506

Copeland, Aids for the Severely Handicapped, Grune & Stratton, 1975, 505

Cratty, Movement Behavior and Motor Learning, Lea & Febiger, 1973, 95

Cratty, Psycho-Motor Behavior in Education and Sport, 1974, 275

Creger, Annual Review of Medicine, Volume 25, Annual Reviews, Inc, 1974, 185

Cull, Administrative Technics of Rehabilitation Facility Operations, Thomas, 1974, 462

Cull, Law Enforcement and Correctional Rehabilitation, Thomas, 1973, 275

Cull, Rehabilitation Techniques in Severe Disability, Thomas, 1974, 140

Cull, The Big Welfare Mess, Public Assistance and Rehabilitation Approaches, Thomas, 324

Cull, Understanding Disability for Social and Rehabilitation Services, Thomas, 1973, 228 Daniels, Vocational Rehabilitation of the Mentally Retarded, Thomas, 1974, 325

Dawson, Basic Human Anatomy, (2nd Edition), Appleton-Century-Crofts, 1974, 228

DeBaz, The Story of Medicine Philosophical Library, Inc, 1975, 504

Downer, Physical Therapy Procedures, Selected Techniques, Thomas, 1974, 48

Dumoulin, Elements d'Electrotherapie. Maloine S. A. Editeur, 1974, 185

Elliott, The Gods of Life, Macmillan, 1974, 228

Esch, Evaluation of Joint Motion: Methods of Measurement and Recording, University of Minnesota Press, 1974, 417

Esch, Musculoskeletal Function, An Anatomy and Kinesiology Laboratory Manual, 1974, 417

Finneson, Low Back Pain, Lippincott, 1973, 229
Flatt, The Care of the Rheumatoid Hand (3rd Edition), Mosby, 1974, 276

Fletcher, Exercise and Coronary Heart Disease, Role in Prevention, Diagnosis, Treatment, 1974, 462

Flook, Health Services Research and R&D in Perspective, University of Michigan, 1973, 96

Ford, Physical Management for the Quadriplegic Patient, F. A. Davis, 1974, 416

Frazier, Is It Moral to Modify Man?, Thomas, 1973 275

Freeman, Adult Articular Cartilage, Grune & Stratton, 1973, 96

Freud, Introduction to Psycholanalysis, Lectures for Child Analysts and Teachers, From the Writings of Anna Freud, Volume 1, 1922, 1935, International Universities Press, 1974, 185

Fricke, Connective Tissue. Biochemistry and Pathophysiology, Springer-Verlag, 1974, 276

Gearheart, Organization and Administration of Educational Programs for Exceptional Children, Thomas, 1974, 96

Gentry, Applied Behavior Modification, Mosby, 1975, 505

Golding, A Synopsis of Rheumatic Diseases (2nd Edition), Year Book Medical Publishers, 1973, 48

Goodgold, Anatomical Correlates of Clinical Electromyography, Williams & Wilkins, 1974, 277

Hardy, Drug Dependence and Rehabilitation Approaches, Thomas, 1973, 276
 Hardy, Mental Retardation and Physical Disability,

Thomas, 1974, 140

Hardy, Psychological and Vocational Rehabilitation

of the Youthful Delinquent, Thomas, 1974, 460 Hardy, Severe Disabilities. Social and Rehabilitation Approaches, Thomas, 1974, 48

Hardy, Vocational Evaluation for Rehabilitation Services, Thomas, 1973, 229

Harris, The Electrophysiology and Layout of the Auditory Nervous System, Bobbs-Merrill, 1974, 462 Hart, Beginning With the Handicapped, Thomas, 1974, 277

Helfet, Disorders of the Knee, Lippincott, 1974, 416 Heslinga, Not Made of Stone: The Sexual Problems of

Handicapped People, Thomas, 1974, 418

Hickok, Physical Therapy Administration and Man-

agement, Williams & Wilkins, 1974, 460

Hirata, The Doctor and the Athlete, Lippincott, 1974,

184 Hubbard, The Peripheral Nervous System, Plenum Press, 1974, 417 Kaplan, The Organization and Delivery of Mental Health Services in the Ghetto: The Lincoln Hospital Experience, Praeger Publishers, 373

Kelikian, Congenital Deformities of the Hand and

Forearm, Saunders, 1974, 277

Kidwell, Sites, Perception and the Nonvisual Experience: Designing and Manufacturing Mobility Maps, American Foundation for the Blind, 326

Kilulu, The Splinting of Burn Patients, Thomas, 1974, 418

Kisser, New Light of Hope, Keats Publishing, 1974, 275

Klinger, Self-Help Manual for Arthritis Patients, The Arthritis Foundation, 1974, 228

Lane, The Doctor's Lawyer, A Legal Handbook for Doctors, Thomas, 1974, 417

Larson, Fitness, Health and Work Capacity: International Standards for Assessment, Macmillan, 373

Larson, Living Comfortably With Your Ileostomy, Sister Kenny Institute, 1973, 96

Levin, The Diabetic Foot, Mosby, 325

Licht, Stroke and Its Rehabilitation, Elizabeth Licht, 1975, 461

Littler, Symposium on Reconstructive Hand Surgery, Mosby, 1974, 140

Lutzeyer, Urodynamics: Upper and Lower Urinary Tract, Springer-Verlag, 374

Mayman, Psychoanalytic Research: Three Approaches to the Experimental Study of Subliminal Processes, International Universities Press, 1973, 461

Maseroni, Trace Elements in Relation to Cardiovascular Diseases, World Health Organization, 1974, 460

McCollum, Coping With Prolonged Health Impairment in Your Child, Little, Brown, 1975, 461

Miller, Biomechanics of Sport: A Research Approach, Lea & Febiger, 373

Moe, For Patient's Sake, Geriatric Care, 372

Moore, Before We Are Born: Basic Embryology and Birth Defects, W. B. Saunders, 374

Nagler, Manual For Physical Therapy Technicians, Year Book Medical Publishers, 1974, 506

 Naughton, Exercise Testing and Exercise Training in Coronary Heart Disease, Academic Press, 1973, 185
 Needham, Neurosurgical Syndromes of the Brain, Thomas, 372

Novikova, Blindness and the Electrical Activity: Electroencephalographic Studies of the Effects of Sensory Impairment, American Foundation for the Blind, 1974, 277

Overs, Avocational Activities for the Handicapped: A Handbook for Avocational Counseling, Thomas, 1974, 417

Pengelly, Loaded Breathing: The Effects of Mechanical Loads on Breathing, Longman, Inc, 1974, 324

Pierron, Techniques D'Application en Electrotherapie, Librairie Maloine S.A., Editeur, 1973, 324

Powers, Cleft Palate, Bobbs-Merrill, Inc., 1973, 461 Rang, Children's Fractures, Lippincott, 1974, 277

Rasch, Kinesiology and Applied Anatomy (5th Edition), Lea & Febiger, 1974, 418

Regimbeau, Manuel Pratique de l'Espalier (A Practical Manual for the Use of Stall-Bars), Maloine S. A. Editeur, 1973, 95

Richter, Medical Aspects of Drug Abuse, Harper & Row, 1975, 505

Ring, Eleventh Annual Distinguished Lecture Series in Special Education and Rehabilitation, University of Southern California, 275 Robinson, Therapeutic Recreation: Ideas and Experiences, Thomas, 1974, 460

Rosenzweig, Annual Review of Psychology, Annual Reviews, 1974, 228

Ross, Foundations of Anatomy and Physiology, Longman, Inc. 372

Rothgeb, Abstracts of the Standard Edition of the Complete Psychological Works of Sigmund Freud, International Universities Press, 1974, 324

Rothman, The Spina (Volumes 1 & 2), W. B. Saunders, 1975, 505

Sana, Physical Appraisal Methods in Nursing Practice, Little, Brown, 1975, 505

Sayers, Engineering in Medicine, Oxford University Press, 1975, 506

Shriber, A Manual of Electrotherapy (4th Edition), Lea & Febiger, 1975, 460

Skandia International Symposia, Rehabilitation After Central Nervous System Trauma, Ab Nordiska Bokhandeln, 1973, 275

Sosne, Handbook of Adapted Physical Education Equipment and Its Use, Thomas, 373

Spranger, Bone Dysplasias: An Atlas of Constitutional Disorders of Skeletal Development, 1974, 276

Sullivan, Teaching Reading Through Motor Learning, Thomas, 324

Thage, Quadricepts Weakness and Wasting: A Neurological, Electrophysiological and Histological Study, 1974, 460

Toole, Gerebrovascular Disorders (2nd Edition), Mc-Graw-Hill, 1974, 276

Vicker, Nonoral Communication System Project, Campus Stores, 1974, 229

Washam, The One Hander's Book: A Basic Guide to Activities of Daily Living, John Day, 1973, 326

Weeks Management of Acute Hand Injuries: A Biological Approach, Mosby, 325

Welch, The Open Token Economy System (A Handbook for a Behavioral Approach to Rehabilitation) Thomas, 1974, 506

Whaley, Understanding Inherited Disorders, Mosby, 1974, 48

Williams, Low Back and Neck Pain: Causes and Conservative Treatment, Thomas, 1974, 462

Wood, Beard's Massage: Principles and Techniques (2nd Edition), W. B. Saunders, 1974, 184

Wulf, Aphasia, My World Alone, Wayne State University Press, 1973, 184.

Year Book Medical Publishers, Rehabilitation of the Cancer Patient, 1972, 461

Zankel, Stroke Rehabilitation. A Guide to the Rehabilitation of an Adult Patient Following a Stroke, Thomas, 1971, 96

BOYNTON, B. L., in memoriam, 230

BRACHIAL PLEXUS evaluation by nerve root stimulation, 551 (abs)

BRAIN INJURED, language impaired adults, communication center, 551 (abs)

BRAIN STEM injuries and rehabilitation, 562 (abs) BUILDING on Dr. Coulter's foundation, Coulter lecture,

279
BUS USE by disabled arthritics, functional requirements,
559 (abs)

C

CALCIURIA and hydroxyprolinuria in quadriplegia, 327 CANDIDATES' attitudes toward physical medicine and rehabilitation oral examination procedures, 209

CAPITALIZATION, therapeutic in rehabilitation of catastrophic injury, 534 (abs)

CARCINOMA, metastatic, and paraspinal EMG findings,

CARDIAC EVALUATION of physical rehabilitation program for patients with ischemic heart disease, 419 CARDIAC telemetered monitoring, 555 (abs)

CARDIAC MONITORING of disabled patients in rehabilitation program, 212

CARDIAC PATIENTS with neuromuscular chest pain, 534 (abs)

CARDIAC REHABILITATION, effect of ambient temperature on exercise prescription, 524 postcoronary, continuous and interval training, 72

CARDIORESPIRATORY CONDITIONING by leg weight loading, 255

CARDIORESPIRATORY FITNESS and training in middle-aged adults, 250

CARDIOVASCULAR improvement and frequency of training, 141

. . . patients and sexual dysfunction, 11

reconditioning by stair climbing, 533 (abs) CARE PROFILE in assessing ADL dependence, 110

CARPAL TUNNEL SYNDROME and trigger finger, coin-

cidence in patients involved in automobile accidents, 541 (abs)

. . . bilaterality, 540 (abs)

. . . use of EMG to diagnose congenital anomalous musculature, report of two cases, 560 (abs)

CATHETERIZATION, urinary, with spastic sphincter, 498 CAUSALGIA, 58

CENTRAL CORE DISEASE, structure, ultrastructure, electromyographic serum and muscle enzymes, 530

CEREBRAL PALSY postoperative rehabilitation, 565 (abs) . . . proposed reflex patterns from secondary spindle recep-

CERVICAL facet joint and suboccipital injection complications, 539 (abs)

CERVICAL MYELOPATHY, case reports, 531 (abs)

CERVICAL ORTHOSIS effect on cervical spine motion, radiographic and goniometric study, 537 (abs)

CERVICAL TRACTION, epidural metastases and quadriplegia, 455

CHARCOT MARIE TOOTH disease, F-wave conduction velocity, 492

CHEST PAIN of neuromuscular origin in cardiac patients, 534 (abs)

CHILD AMPUTEE, summary of a forum, 169

CHILDHOOD evolution of strength, 554 (abs)

CHILDREN, normal, and training with Verlo orthosis, 120 preparation for parental disability, 554 (abs)

CHILDREN WITH LEARNING DISABILITIES, perceptual motor training by aides, 104

CHRONIC BACK PAIN PATIENTS, a successful program for comprehensive rehabilitation, 563 (abs)

CHRONIC PAIN, treatment in pain clinic, 539 (abs) CHRYSOTHERAPY in rheumatoid arthritis, prospective study, 557 (abs)

CLERKSHIP in medical school in rehabilitation and chronic disease, 474

CLINICAL ELECTROMYOGRAPHY and pain, 537 (abs)

CLINICAL NOTES

. . . Cloran telescoping oral orthosis, 409

. . . floatation pad therapy for decubitus ulcers, 40

. . . laryngectomy, aphasia and oral verbal apraxia, report of three cases, 174

. . . lead neuropathy, case report, 312 . . . mobility for multidisabled child, 365 . . . multiple peripheral nerve injuries simulating hemiparesis in drug abusers, 319

quadriplegia following cervical traction in patients with occult epidural prostatic metastasis, 455

. recurrent superior mesenteric artery syndrome in a quadriplegic patient, 86

. . . translumbar amputation for nonneoplastic cause, rehabilitation and follow up, 359

. . . traumatic quadriplegia associated with Klippel-Feil syndrome, discussion and case reports, 363

CLORAN telescoping oral orthosis, recent advances, 533 (abs)

telescoping oral orthosis, 409

CODE for clinical evaluation of exercise electrocardiograms, 390

COGNITION impairment in patients with coronary artery disease, 558 (abs)

COMBINATION wheelchair-stretcher (Blythemobile), 499 COMMUNICATION impairment and driving skills, 552 (abs)

of staff, impact of problem oriented medical records, 269

COMMUNICATION CENTER for brain injured, language impaired adults, 551 (abs)

COMMUNICATIONS, gestural, with American Indian sign, 156

CONDITIONING of postcoronary patients, comparison of continuous and interval training, 72

techniques as a method for bladder control in patients with spinal cord injuries, 545 (abs)

CONGENITAL MUSCULAR TORTICOLLIS, 535 (abs) CONGRESS, American, of Rehabilitation Medicine

. . . abstracts, 52nd annual session, 528 . . . Baruch essay, J. T. Bolger, 36

. . . Coulter lecture, H. B. Betts, 279

. . . Gold Key award, M. T. Sarno, 46 . . . officers and committees, 138

President, 1974-75, J. W. Goldschmidt, 44 Presidential address, R. Cailliet, 97

COOPERATIVE LIVING arrangements for the severely physically handicapped, a three-year study, 561 (abs) CORONARY artery disease and cognition impairment, 558

(abs) COSMETIC COVER for endoskeletal prosthetic systems, a new technique, 414

COUNSELING, sexual, 543 (abs)

CRAIG SCOTT ORTHOSIS, a biomechanical and functional evaluation, 550 (abs)

CRANBERRY JUICE and ascorbic acid effect on urinary pH, 556 (abs)

DANTROLENE SODIUM, and spasticity, 548 (abs)

DECISION MAKING by staff, impact of problem oriented medical records, 269

DECOMPENSATED BACK, 51

DECUBITUS ULCERS, flotation pad, 40

DENERVATION and muscle atrophy, 542 (abs)

. . . early effects on skeletal muscle slow fibers, 543 (abs) effects on muscle with tenotomy of synergists, 483

DENTISTRY in rehabilitation, 565 (abs)

DEPRESSED plegic patients, amitriptyline, 547 (abs)

DETRUSOR CONTRACTILITY, effect of tranquilizing drugs, 548 (abs)

DIATHERMY, microwave, heating patterns in humans,

DIET AND EXERCISE as total therapeutic regime for the rehabilitation of patients with severe peripheral vascular disease, 558 (abs)

DIGITAL VASCULAR increased reactivity to L-norepinephrine in quadriplegia, 554 (abs)

DISABILITY and sexual dysfunction, 8

evaluation and vocational potential, 33

physical, in patients with Down's syndrome, 557 (abs) DISABLED, physically, integration into community, 528

transitional living program, 533 (abs)

DISABLED PATIENT myocardial performance in rehabilitation, 212

DISABLED PERSONS' opportunity for recreation, 135 DISABLING chronic low back pain, 528 (abs)

DORSIFLEXION of foot, retraining with biofeedback, 331 DOWN'S SYNDROME, double disability, 557 (abs)

DRIVING SKILL prediction in communication with impaired stroke patients, 552 (abs)
DUCHENNE MUSCULAR DYSTROPHY, hand domi-

nance and scoliosis, 546 (abs) knee-ankle-foot orthoses, 322

EDITORIAL, self-assessment examinations of 1974 and 1976, 527

toward equal opportunity in recreation for the disabled, 135

EDUCATION, graduate, in rehabilitation medicine for family practice residents, 567 (abs)

. . . graduate, performance evaluations, 554 (abs)

. . . of patients with arthritis, 564 (abs)

. . . post graduate, in sexual counseling, 564 (abs)

. . . undergraduate, in rehabilitation and chronic disease, 474

EFFECTIVENESS of aides in perceptual motor training program for children with learning disabilities, 104

ELECTRIC STIMULATION for pain, 172 . . . of peroneal nerve in hemiplegia, 237, 240

of peroneal nerve, pain, 243

ELECTRICAL and mechanical relationships in skeletal muscle, 194

ELECTROCARDIOGRAM, exercise, codes for clinical evaluation, 390

ELECTRODE INSERTER, mechanical, and insertional activity, 568 (abs)

ELECTRODIAGNOSIS and myelography as indicators of discogenic radiculopathy, a correlative study, 548 (abs)

ELECTRODIAGNOSTIC findings in toxic peripheral neuropathy, a statistical analysis, 544 (abs)

. . . testing as aid in early identification in Huntington's disease, preliminary report, 545 (abs)

ELECTROMANIPULATION of cervical spine, 550 (abs) ELECTROMYOGRAPHIC findings in extensor digitorum brevis in diagnosis of radiculopathy, 568 (abs)

Teflon coated monopolar needle durability, 554 (abs) ELECTROMYOGRAPHY (See also Nerve Conduction Studies)

. . . abnormalities after stroke, 468

. . . after intraaortic balloon pump, 346

. . . and pain, 537 (abs)

. . . anomalous muscles and carpal tunnel syndrome, 560

. . . excitation overflow, 115

. . . experimental allergic neuritis, 333

. . . H-reflexes and F-waves in hemiplegia, 551 (abs)

. . . in lead neuropathy, 312

... in paraspinal muscles following surgery for root compression, 80

. . . lumbosacral radiculopathy, 546 (abs)

... mechanical electrode inserter, 568 (abs)

. . . musculocutaneous nerve entrapment, 531 (abs)

. . . of paraspinals and carcinoma, 459

. . . of tibialis posterior after tendon transfer, 83

. . . paraspinal, in metastatic carcinoma, 216 . . . toxic peripheral neuropathy, 544 (abs)

urethroanal reflex, 218

ELECTROPHYSIOLOGICAL ORTHOSIS for the upper extremity in hemiplegia, feasibility study, 507

ENDOSKELETAL PROSTHESIS, clinical application, 553 (abs)

cosmetic cover, 414 ENDURANCE and strength of normal grip, 296

. . . and strengthening exercise adaptation, histologic data, 545 (abs)

. . . versus isometric exercise effect on human skeletal muscle, 554 (abs)

ENERGY EXPENDITURE of ambulation in patients with above-knee amputations, 67

ENZYME and isoenzyme studies in diagnosis of neuromuscular diseases, 544 (abs)

EPICONDYLITIS, humeral and cervical radiculopathy, 553 (abs)

EQUAL OPPORTUNITIES in recreation for the disabled, 135

ERB'S PALSY, natural history, 546 (abs)

ERRATUM, re 55:424-428, 1974 (Donovan), 79

EVALUATION of orthoses, research framework, 304

EVALUATION SYSTEM for rehabilitation, 396 EVOLUTION of strength in children, 554 (abs)

EXAMINATION, oral, candidates' attitudes, 209

EXCITATION OVERFLOW, an electromyographic investigation, 115

EXERCISE and diet for peripheral vascular disease, 558 (abs)

and fitness in middle-aged adults, 250 . . . and heart rate in elderly, 528 (abs)

. . . bent-knee, bent-hip, sit down, 552 (abs) . . . for strength and endurance, muscle fiber adaptation, 545 (abs)

response in hemiparetics, 544 (abs)

EXERCISE ELECTROCARDIOGRAMS, code for their clinical evaluation, 390

EXERCISE PRESCRIPTION and ambient temperature, 524

EXPERIMENTAL ALLERGIC NEURITIS, electrodiagnostic studies, 333

EXTREMITY, lower, bilateral amputation and rehabilitation, 309

F

F-WAVE conduction velocity in central segment of peroneal and tibial nerves, 492

F-WAVES and H-reflexes in hemiplegics, 551 (abs)

FABRICATION of polysar, temporary prothesis in hospital setting, 125

FAMILIAL SPASTIC PARAPLEGIA of pure type with early onset in siblings, 561 (abs)

FAMILY PRACTICE residency training in rehabilitation medicine, 567 (abs)

FAST and slow twitch skeletal muscles, simultaneous in vitro study, 565 (abs)

FEEDBACK, auditory, to control weight bearing, 567 (abs) FEMALE sexual function with spinal cord injury, 18

FEMORAL ARTERY OCCLUSION with intraaortic balloon pump, 346

FINGER, claw, interosseous muscles, 553 (abs)

trigger, and carpal tunnel syndrome, 541 (abs)

FLEXOR REFLEX changes early after stroke, 536 (abs) FLEXOR WITHDRAWAL, interstimulus interval effect on habituation, 537 (abs)

FLOATATION pad therapy for decubitus ulcers, 40

FOOT, Morton, and low back pain, 566 (abs)

FOOTDROP, biofeedback treatment in hemiparetics, 331 . in hemiplegia, electric stimulation of peroneal nerve, 237

FRACTURES of lower extremities and progressive neuromuscular disease, rehabilitation, 317

FREQUENCY of training as a determinant for improvement in cardiovascular function and body composition of middle-aged men, 141

FUNCTIONAL LIMITATIONS INVENTORY for vocational assessment, 513

GERIATRIC hearing rehabilitation, 538 (abs)

. speech rehabilitation, 538 (abs)

GESTURAL communication with American Indian Sign,

GOAL-ORIENTED REHABILITATION, 534 (abs)

GOLDBERG SCALE of vocational development in laryngectomy, 521

GRIP STRENGTH and grip endurance in physical therapy students, 296

GROWTH of the physiatrist, 49

GUILLAIN-BARRE SYNDROME, F-wave conduction velocity, 492

H

H-REFLEXES and F-waves in hemiplegics, 551 (abs)

HABITUATION of flexor withdrawal and interstimlus interval, 537 (abs)

HAND joint replacement rehabilitation results, 534 (abs) HAND DOMINANCE and scoliosis relationship in Duchenne muscular dystrophy, preliminary report, 546

HAND GYM for patients with arthritic hand disabilities, preliminary report, 561 (abs)

HARLEM'S MUNICIPAL HOSPITAL, reality of restor-

ative care, 165 HAWAII Heart Association stroke protocol, 551 (abs)

HEALTH MAINTENANCE ORGANIZATION and med-

HEART DISEASE, ischemic, effects of reconditioning, 419 HEART RATE pre-exercise in elderly, 528 (abs)

HEARING REHABILITATION at nursing home for rehabilitation of geriatric patients, 538 (abs)

HEAT THERAPY, clinical and engineering evaluation of three devices, 531 (abs)

HEATING PATTERNS from microwaves at megahertz, 145

produced in humans by 433.92 MHz round field applicator and 915 MHz contact applicator, 442

HELPING PROCESS vs medical model in rehabilitation,

HEMICORPORECTOMY for pelvic osteomyelitis, 359 HEMIPLEGIA

and amputation, rehabilitation, 566 (abs)

biofeedback in treatment of footdrop, 331

changes in suppressive effect of vibration, 536 (abs)

does rehabilitation affect outcome, 375

. . . electrophysiological orthosis for upper extremity, 507 flexor reflex changes, 536 (abs)

. . . follow-up of Framingham survivors, 540 (abs)

. . . forearm bone mineralization, 487 . . . H-reflexes and F-waves, 551 (abs)

. . Hawaii Heart Assn. stroke protocol, 551 (abs)

. . . memory function, 517

. . . peroneal nerve stimulation, 237, 240 . . . post discharge regression, 529 (abs)

. . . rehabilitation, and patient outcome, 529 (abs)

. . . rehabilitation cost-benefit analysis, 375

. . . rehabilitation outcome prediction, 383

. . . response to exercise, 544 (abs)

. . . retraining by myofeedback, 549 (abs)

. . . sequence of electromyographic abnormalities, 468 . . slowing of nerve conduction velocity, 285

HETEROTOPIC BONE FORMATION about the hip and unilateral decubitus ulcers in spinal cord injury, 355

and alkaline phosphatase, 36

HETEROTOPIC OSSIFICATION in spinal cord-injured patients, 199

HIGH FREQUENCY potential pathomechanics, 542 (abs) HIP heterotopic bone and unilateral pressure sores, 355

joint replacement rehabilitation results, 534 (abs) HISTORY of acupuncture, 530 (abs)

HUMAN SEXUALITY hospital-based program, report on three years, 542 (abs)

HUNTINGTON'S DISEASE, electrodiagnostic features, 545 (abs)

HYDRAULIC swing and stance phase control for aboveknee amputees, 179

HYDROXYPROLINURIA and calciuria in quadriplegia, 327

HYPERCALCEMIA with immobilization in spinal cord injury, 552 (abs)

HYPERTHERMIA, effect on exercise prescription, 524

HYPOTENSION, postural, biofeedback treatment, 532 (abs)

HYPOTONIA, infantile, 535 (abs)

ILEAL DIVERSION and bacteriuria, 555 (abs)

ILEOSTOMY BAG anti-twist device, 183

ILIOTIBIAL BAND tightness after muscle biopsy, 545 (abs

IMMOBILIZATION and muscle atrophy, 542 (abs)

IMMOBILIZATION HYPERCALCEMIA in spinal cord injury, 552 (abs)

IN MEMORIAM, B. L. Boynton, 230

INDEPENDENCE of the very high level quadriplegic patient, evaluation of various electronic assistance devices, 568 (abs)

INFANTILE HYPOTONIA, study of 143 cases, 535 (abs) INFECTIONS, urinary, and urinary output, 538 (abs)

INFLAMMATION and muscle atrophy, 542 (abs) INITIAL WORK TOLERANCE of extremely obese patients, 63

INJECTION complications, suboccipital and cervical facet joints, 539 (abs)

INJURY of lower limb, and aerobic power prediction, 340 INSENSITIVE feet and stumps, thermography, 205

INSERTIONAL ACTIVITY using a mechanical electrode inserter, 568 (abs)

INTEGRATION, social, of physically disabled into community, 528 (abs)

INTERMITTENT CATHETERIZATION and an approach to bladder rehabilitation in spinal cord injury patient, 557 (abs)

INTEROSSEOUS MUSCLES in claw finger, 553 (abs)

INTERSTIMULUS INTERVAL effects on habituation of flexor withdrawal activity medicated by the functionally transected human spinal cord, 537 (abs)

ISOENZYMES and enzymes in neuromuscular diseases, 544 (abs)

INTRAAORTIC BALLOON PUMP and lower extremity neurological abnormalities, 346

ISCHEMIC ULCERS, mechanical resting surface effect, 547 (abs)

ISOKINETIC loads and velocities producing muscular power in human subjects, 152

ISOMETRIC and isokinetic torque values, 152

. . . versus endurance exercise effect on physiologic properties of human skeletal muscle, 554 (abs)

ISOMETRIC EXERCISE and excitation overflow to contralateral muscle, 115

ISRAEL, vocational status of multiple sclerosis patients, 300

JOINT REPLACEMENT rehabilitation, 534 (abs)

KIDNEY FUNCTION in patients with spinal cord injury,

KLIPPEL-FEIL SYNDROME, and traumatic quadriplegia,

KNEE joint replacement rehabilitation results, 534 (abs) KNEE-ANKLE orthosis restraining forces, 550 (abs)

KNEE-ANKLE-FOOT ORTHOSES in Duchenne muscular dystrophy, 322

KNEE JERK speed of contraction in spasticity, 553 (abs) KNEE JOINT, effect of knee-ankle orthosis, 550 (abs)

KRUSEN AWARD, S. Licht, 90

L-S RADICULOPATHY, review of 100 patients, 546 (abs) LANGUAGE IMPAIRED adults, communication center, 551 (abs)

LARYNGECTOMY and vocational adjustment, 521 . . . aphasia, and oral verbal apraxia, report of three cases,

and vocational adjustment, 539 (abs)

LEAD NEUROPATHY, case report, 312

LEARNING DISABILITIES in children, and perceptual motor training by aides, 104

LEG-BAG VALVE, self-closing, 274

LEG-LIFT strength test with electrogoniometric analysis of knee angle, 261

LEG WEIGHT LOADING for physical conditioning, 255 LETTERS TO THE EDITOR, 47, 223, 458, 500

LICHT, S., 90 LINGUAL muscle spindle function in the human, 557 (abs) LIORESAL and function of neurogenic bladder, 463

LOADS and velocities, isokinetric, and muscular power, 152 LONG THORACIC NERVE PALSY, a follow-up study,

LOW BACK PAIN and the Dudley J. Morton Foot (long second toe), 566 (abs) exercise, 552 (abs)

LOWER EXTREMITY AMPUTEES, delays in phases of rehabilitation, 547 (abs)

LOWER LIMB INJURY and aerobic power prediction. 340

LUMBAR disc disease and trochanteric bursitis, 564 (abs) LUMBAR SPINAL STENOSIS, 567 (abs)

LUMBOSACRAL root decompression and paraspinal EMG,

LUMBOSACRAL-ANTERIOR PELVIC pain associated with pubic symphysis instability, 548 (abs)

MANOMETRY, of neurogenic urinary bladder, 187 MASTECTOMY, radical and neck dissection, 566 (abs) MEASUREMENT, quantitative neurological measurement, MECHANICAL and electrical relationships in skeletal muscle, 194

resting surface, its effect on the prevention of ischemic ulcers, 547 (abs)

MEDICAL EDUCATION, a required clerkship in rehabilitation and chronic disease, 474

MEDICAL MODEL versus helping process in rehabilitation, 101

MEDICAL RECORD, problem oriented, in rehabilitation medicine, 540 (abs)

MEMORY FUNCTIONING in hemiplegics, a neuropsychological analysis of the Wechsler memory scale,

MICROWAVE heating patterns at 433.92 megahertz, 145 MICROWAVE DIATHERMY, heating patterns in humans, 442

MINERALIZATION of bone in hemiplegic forearm, 487 MOBILITY for a multidisabled child, 365

MOBILIZATION of a patient with progressive neuromuscular disease and lower extremity fractures, 317

MONOPOLAR teflon coated electromyographic needle durability, 554 (abs)

MORTON, Dudley, short first metatarsal and low back pain, 566 (abs)

MOSKOWITZ, E., 88

MOTIVATION for physical rehabilitation, 535 (abs)

MOTOR DEFICITS and training in cats, 568 (abs)

MOTOR POINT phenol block in young children, 541 (abs) MOTOR POINTS coincidence with acupuncture points, 550 (abs)

MULTIPLE PERIPHERAL NERVE INJURIES simulating hemiparesis in drug abusers, 319

MULTIPLE SCLEROSIS, F-wave conduction velocity, 492

. . . quantitative neurologic examination, 289

vocational status in Israel, 300

MUNICIPAL HOSPITAL, reality of restorative care, 165 MUSCLE anomalous, as cause of carpal tunnel syndrome, 560 (abs)

. . . biopsy, and asymmetric iliotibial band tightness, 545 (abs)

. . . effects of isometric and endurance exercise, 555 (abs)

. . . fiber and aponeuroses shortening in immobilization contracture, 562 (abs)

. . . human skeletal, regeneration, 530 (abs) . . . interosseous, in claw finger, 553 (abs)

. . . skeletal, early effects of denervation on slow fibers, 543 (abs)

. . . skeletal, effects of denervation plus tenotomy of synergists, 483

. . . skeletal, electrical and mechanical relationships, 194 . . . skeletal, simultaneous study of fast and slow fibers, 565 (abs)

MUSCLE ATROPHY, comparison one week after cast immobilization, denervation, inflammation and tenotomy, 542 (abs)

MUSCLE SPINDLE secondary receptors, proposed reflex patterns, 1

MUSCULAR DYSTROPHY, Duchenne, hand dominance and scoliosis, 546 (abs)

Duchenne, knee-ankle-foot orthoses, 322

MUSCULAR POWER isokinetic loads and velocities, 152 MUSCULAR TORTICOLLIS, congenital, 535 (abs)

MUSCULOCUTANEOUS NERVE entrapment syndrome, 531 (abs)

MYELOGRAPHY and electrodiagnosis in discogenic radiculopathy, 548 (abs) . . . cervical, 531 (abs)

MYOCARDIAL INFARCTION, continuous and interval training, 72

MYOCARDIAL PERFORMANCE of disabled patients in a rehabilitation program, 212

. . letters to the editor, 500

MYOFASCIAL PAIN syndrome treated with acupuncture, long term followup, 567 (abs)

MYOFASCIAL PAIN SYNDROMES that mimic radiculopathies, 530 (abs)

MYOFEEDBACK for muscle retraining in hemiplegic patients, 549 (abs)

MYOPATHY, study of central core disease, 530 (abs) MYOSITIS OSSIFICATION and heterotopic ossification,

N

NATIONAL HEALTH and rehabilitation medicine, 97 NECK DISSECTION, radical, and mastectomy, rehabilitation, 566 (abs)

. . . radical, treatment of deformity, 546 (abs)

NEGATIVE PRESSURES during swing phase in belowknee prostheses with rubber sleeve suspension, 22

NERVE CONDUCTION STUDIES

. . . brachial plexus, 551 (abs)

. . . carpal tunnel syndrome, 540 (abs), 541 (abs), 560 (abs)

. . . experimental allergic neuritis, 333

. . . F-wave in peroneal and tibial nerves, 492

. . . in hemiplegia, 285

. . . in lead neuropathy, 312

. . . of peroneal nerve after chronic electric stimulation, 237

. . . radial (letter to editor), 47

. . . suprascapular nerve in hemiplegia, 549 (abs)

. . . tarsal tunnel syndrome, 539 (abs)

. . . toxic peripheral neuropathy, 544 (abs) NERVE ENTRAPMENT, musculocutaneous, 531 (abs)

NEURITIS, experimental allergic, electrodiagnostic studies, 333

NEUROLOGIC EXAMINATION training for multicenter clinical trial, 289

NEUROLOGICAL EXAMINATION, advancements in its quantification, 424

. . quantitative, reliability and learning effects in normals, 438

NEUROLOGICAL ABNORMALITIES in the leg(s) after use of intraaortic balloon pump, report of six cases, 346

NEUROMUSCULAR chest pain in cardiac patients, 534 (abs)

. disease and lower extremity fractures, rehabilitation,

. . . diseases, enzymes and isoenzymes, 544 (abs)

NEUROPATHY, lead poisoning, case report, 312 . . . simulating hemiparesis in drug abusers, 319

. . . suprascapular in painful hemiplegic shoulder, 549 (abs)

. . . toxic, electrodiagnostic findings, 544 (abs)

NEW urethroanal reflex revealed by sphincter electromyography, 218

NURSING TRAINING in body mechanics, 558 (abs)

(

OBESITY, a new method for multidisciplinary study, treatment and prevention in adult and pediatric rehabilitation programs, 532 (abs)
. . . and initial work tolerance, 63

OPERANT CONDITIONING in prevention of pressure sores, 161

OPTIMAL isokinetic loads and velocities producing muscular power in human subjects, 152

stimulus parameters for minimum pain in the chronic stimulation of innervated muscle, 243

ORAL ORTHOSIS, telescoping of Cloran, 409, 533 (abs)
ORAL VERBAL APRAXIA and aphasia in laryngectomees, 174

. assessment, 563 (abs)

ORTHOSES, cervical, effect on neck motion, 537 (abs) ORTHOTICS RESEARCH evaluation framework, 304 OSSIFICATION, heterotopic, in spinal cord injury, 199 OSTEOMYELITIS of pelvis, translumbar amputation, 359 OUTCOME of rehabilitation in stroke, 375

. . . of rehabilitation of most severely disabled, 542 (abs) OUTCOME PREDICTION in stroke rehabilitation, 383

P

PAIN and clinical electromyography, 537 (abs)
. . . and its alleviation, summary of a forum, 172

. . . causalgia, 58

. . . chronic back, rehabilitation, 563 (abs)

. . . chronic, relaxation treatment techniques, 541 (abs)

. . . control with autogenic training, 556 (abs) . . . in back, chronic disabling, 528 (abs)

. . . in electric stimulation of peroneal nerve, 243

. . . low back and Morton foot, 566 (abs)

. . low back, exercise, 552 (abs)

. . . myofascial syndromes that mimic radiculopathy, 530 (abs)

. . . myofascial, treatment with acupuncture, 567 (abs) . . . neuromuscular of chest in cardiac patients, 534 (abs)

. . . of decompensated back, 51

. . . psychic conflict and rehabilitation, 560 (abs) . . . with pubic symphysis instability, 548 (abs)

PAIN CLINIC, a comprehensive and interdisciplinary approach to the treatment of chronic pain, 539 (abs) PALSY, Erb's, natural history, 546 (abs)

PARAPLEGIA secondary to retroperitoneal hemorrhage during heparin therapy, 531 (abs)
. . . spastic, familial, case reports, 561 (abs)

PARAPROFESSIONAL PERSONNEL rehabilitation care course, 122

PARASPINAL electromyographic abnormalities as a predictor of occult metastatic carcinoma, 216

PARASPINAL EMG AND CARCINOMA, letter to editor, 459

PARASPINAL MUSCLE electromyography after root decompression, 80

PARENTAL disability and reaction of children, 554 PATHOMECHANICS of high frequency potential, 542

(abs)
PATIENT as a therapeutic agent, 165

PATIENT EDUCATION in arthritis, establishing guidelines by use of educational needs surveys, 564 (abs)

PATTERNS of reflexes initiated by secondary sensory fiber endings of muscle spindles, a proposal, 1

PEACE CORPS, 224

PELVECTOMY in paraplegia, rehabilitation, 537 (abs)
PELVIC BAND use in orthotics for adult paraplegic patients, 221

PELVIC OSTEOMYELITIS, translumbar amputation, 359
PERCEPTUAL MOTOR TRAINING in aides for children with learning disabilities, 104

PERFORMANCE EVALUATION of physical medicine and rehabilitation residents, 554 (abs)

PERIPHERAL NEUROPATHIES simulating hemiparesis in drug abusers, 319

PERONEAL NERVE conduction velocity after chronic electrical stimulation, 240

PERONEAL NERVE STIMULATOR in rehabilitation of hemiplegic patients, 237

PHARMACOLOGIC

PHARMACOLOGIC

. . . amitriptyline, 547 (abs) . . . chrysotherapy in rheumatoid arthritis, 557 (abs)

. . . dantrolene sodium, 548 (abs)

. . diazepam in spinal cord injured, 555 (abs)

. . . heparin, retroperitoneal hemorrhage with paraplegia, 531 (abs)

. . . Lioresal, 560 (abs)

. . . Lioresal and neurogenic bladder function, 463

. . L-norepinephrine digital vascular reactivity, 554 (abs) . . tranquilizers and detrusor contractility, 548 (abs)

PHASIC CONVERSION after tibialis posterior transfer, 83

PHENOL motor point blockade, use of general anesthesia in young children, 541 (abs)

PHYSICAL CONDITIONING of less fit adults by use of leg weight loading, 255

PHYSICAL MEDICINE AND REHABILITATION Board oral examinations, 209

. . . evaluation of performance of residents, 554 (abs) . . . undergraduate teaching programs, 536 (abs)

PHYSICAL THERAPIST training as quantitative neurologic examiner, 289

PHYSICAL TRAINING, comparative responses of middleaged adults, 250

PHYSIOLOGIC RESPONSES to known exercise loads in hemiparetic patients, 544 (abs)

PLASTIC-MOLDED knee-ankle-foot orthoses in treatment of Duchenne muscular dystrophy, 322

PNEUMATIC ORTHOSIS for paraplegic patients, functional evaluation and prescription considerations, 479

. . pilot study, 27

POLYSAR TEMPORARY PROSTHESIS, 125 POWER, and isokinetic loads and velocities, 152

PREDICTION of aerobic power during recovery from lower limb injury, 340

. . of outcome in stroke rehabilitation, 383

PRE-EXERCISE HEART RATE in the elderly, 528 (abs) PREPARING children for parental responsibility, 554 (abs) PRESSURE, negative during swing phase in below-knee prostheses with rubber sleeve suspension, 22

PRESSURE SORES, an operant conditioning approach to prevention, 161

PRESSURE ULCERS, flotation pad, 40

PROBLEM ORIENTED MEDICAL RECORD, a predetermined problem list for spinal cord injury, 544 (abs)

. . . and rehabilitation evaluation system, 396

. . . modification and simplification for rehabilitation medicine, 540 (abs)

. . . their impact on staff communication, attitudes and decision making, 269

PROFESSIONAL growth of the physiatrist, role of the American Academy of Physical Medicine and Rehabilitation, 49

PROGNOSIS CONFERENCES with patients and families, sharing the facts, 560 (abs)

PROSTATIC CARCINOMA metastases and quadriplegia, 455

PROSTHETIC FITTING evaluation by xerography, 566 (abs)

PROSTHETICS, ORTHOTICS, DEVICES

. . . air splints for lower extremity amputation, 564 (abs)

. . . below-knee weight bearing brace for arthritic foot, 176 . . . body jacket and electric wheelchair, 365

. . . Cloran, telescoping oral orthosis, 409, 533 (abs)

. . . cosmetic cover for endoskeletal prosthesis systems, 414

. . . combination wheelchair-stretcher (Blythemobile), 499 . . . electrophysiological orthosis for upper extremity, 507

. . . endoskeletal prosthesis use, 553 (abs)

. . . evaluation of Craig-Scott orthosis, 550 (abs)

. . . hand gym, 561 (abs)

. . . hydraulic swing and stance phase control for aboveknee amputees, 179

. . . ileostomy bag anti-twist device, 183 . . . knee-ankle restraining forces, 550 (abs)

. . . pelvic band for adults, 221

. . . plastic-molded knee-ankle-foot orthoses and Duchenne muscular dystrophy, 322

. . . pneumatic orthosis, 27, 479

. . . polysar temporary prosthesis, 125

. . . self-closing leg-bag valve, 274 . . . semiflexible BK socket, 399

. . . Verlo orthosis, 120

. . . voice controlled wheelchair, 532 (abs)

. . wheelchair modifications, 369

PROSTHETIC REHABILITATION of the paraplegic with pelvectomy, 537 (abs)

PSYCHOLOGICAL VARIABLES and motivation for physical rehabilitation, 535 (abs)

PSYCHOSOCIAL aspects of sexuality in spinal cord injured, 264

Q

QUADRIPLEGIA following cervical traction in patients with occult epidural prostatic metastasis, 455

QUALITY OF REHABILITATION, evaluation by assessment of patient outcomes, 529 (abs)

QUANTITATIVE neurological measurement, 425

QUANTITATIVE EXAMINATION of neurological function, reliability and learning effects, 438

R

RADIAL NERVE (letter to editor), 47

RADICAL NECK DISSECTION, physical treatment of the residual deformity, 546 (abs)

RADICULOPATHY and EMG of extensor digitorum brevis, 568 (abs)

. . . and myofascial pain syndromes, 530 (abs) . . . cervical, and tennis elbow, 553 (abs)

. . . discogenic, electrodiagnosis and myelography, 548 (abs)

. . . lumbar, and trochanteric bursitis, 564 (abs)

. . lumbosacral, 546 (abs)

REACTIONS of the individual with a disability complicated by a sexual problem, 9

. . . of the rehabilitation team to patients with sexual problems, 10

REALITY of restorative care in Harlem's municipal hospital, the patient as a therapeutic agent, 165

REBOUND PHENOMENON in the clinical evaluation of a new drug for the control of spasticity, 560 (abs) RECONDITIONING, cardiovascular, by stair climbing,

533 (abs)

RECORD, medical, problem oriented for spinal cord injury, 544 (abs)

RECORDS, problem oriented, and staff communication, attitudes and decision making, 269

RECREATIONAL opportunities for the disabled, 135 RECUMBENCY and indwelling bladder catheters, effect on plasma renin and aldosterone of quadriplegic

patients, 532 (abs)

RECURRENT superior mesenteric artery syndrome in a quadriplegic patient, 86

REFLEX, flexor, changes after stroke, 536 (abs)
. . . tendon, upper extremity, latencies, 546 (abs)

. . urethroanal, 218

REFLEX INHIBITION and electromanipulation of the cervical spine, 550 (abs)

REFLEX PATTERNS initiated by the secondary sensory fiber endings of muscle spindles, a proposal, 1 REFLUX, vesicoureteral in spinal cord injury, 558 (abs)

REGENERATION in human skeletal muscle, 530 (abs)

REHABILITATION

. . . after bilateral lower extremity amputation, 309

. . . after two radical surgical procedures for cancer, review of four cases, 566 (abs)

. . and obesity, 532 (abs)

. . and outcome in stroke, 375

. . avocational counseling, 562 (abs)

. . . cardiac, for ischemic heart disease, 419

. . clerkship in medical school, 474

. . . cooperative living arrangements, 561 (abs)

. . . delays, in lower extremity amputation, 547 (abs)

. dentistry, 565 (abs)

. . . factors impeding the process, 543 (abs)

. . for mild residual aphasia, 544 (abs)

. . . frame of reference, 101

. . . goal oriented, 534 (abs)
. . needs of spinal cord patients, what does the patient say, 538 (abs)

. . of amputees, computerized data processing, 561 (abs)

. . of back pain, role of psychic conflict, 560 (abs)

. . . of brain and brain stem injuries, 562 (abs)

. . . of catastrophic injury, therapeutic capitalization, 534 (abs)

. . . of chronic back pain, 563 (abs)

. of disabled patient, myocardial performance, 212

. . . of hearing in geriatric patients, 538 (abs) . . . of paraplegic with pelvectomy, 538 (abs)

. . of social skills in newly handicapped, 554 (abs)

. . . of speech in geriatric patients, 538 (abs)

. . of urinary bladder, 187

. . . outcome of patients with dual disability of hemiplegia and amputation, 566 (abs)

. . . prognosis conferences with patient and family, 560 (abs) . . . psychological variables and motivation, 535 (abs)

. quality, and patient outcome, 529 (abs)

. . . responsive, status form, 535 (abs)
. . . results following total replacement of hip, knee,

shoulder and hand joints, 534 (abs)

. . . self-medication, 562 (abs)
. . . sexual attitude reassessment, 563 (abs)
. . . stroke, and patient outcome, 529 (abs)

. . . stroke, postdischarge regression, 529 (abs)

. . wheelchair sports, 552 (abs)

REHABILITATION CARE course for paraprofessional personnel, 122

REHABILITATION EVALUATION SYSTEM which complements the problem-oriented medical record, 396

REHABILITATION HISTORY, (letter to editor), 223
REHABILITATION INSTITUTE of Chicago, history,

REHABILITATION MEDICINE

179

. . . its future in national health programs, 97
. . . problem oriented medical record, 540 (abs)

... role in interdisciplinary team training, an experiment in learning, 529 (abs)

. . . training for family practice, 567 (abs)
. . . undergraduate teaching programs, 536 (abs)

REHABILITATION OUTCOME of the most severely disabled, 542 (abs)

REHABILITATION SUCCESS following amputation of dominant vs nondominant extremities, 547 (abs)

REHABILITATIVE MANAGEMENT following surgery in cerebral palsy, 565 (abs)

RELATIVE LENGTH of muscle fiber and origin and insertion aponeuroses in immobilization contracture of rat soleus, 562 (abs)

RELAXATION techniques in treatment of chronic pain, case reports, 541 (abs)

RELIABILITY of quantitative examination of neurological junction, 438

RENAL FUNCTION in patients with spinal cord injury, the eighth year of a ten-year continuing study, 76

RESEARCH FRAMEWORK for orthotic evaluation, 304 RESPONSIVE REHABILITATION, use of the status form as a follow-along tool, 535 (abs)

RESTRAINING FORCES in various designs of knee-ankle orthosis, their placement and the effect on the anatomical knee joint, 550 (abs)

RHEUMATOID ARTHRITIS and tarsa! tunnel syndrome, 539 (abs)

S

SARNO, M. T., 46

SCOLIOSIS and hand dominance in Duchenne muscular dystrophy, 546 (abs)

SELF-ASSESSMENT examinations of 1974 and 1976 (editorial), 527

SELF-MEDICATION in a rehabilitation unit, 562 (abs)

SEMI-FLEXIBLE SOCKETS for amputation below the knec, 399

SEQUENCE of electromyographic abnormalities in stroke syndrome, 468

SERIAL NERVE CONDUCTION and electromyographic studies in experimental allergic neuritis, 333

SERRATUS ANTERIOR PARALYSIS, followup study, 352

SERUM dopamine-B-Hydroxylase activity and the effect of diazepam on catecholamine metabolism in spinal cord injury, 555 (abs)

. . . testosterone and urinary 17-Kelosteroid levels in spinal cord injury, 555 (abs)

SEVERELY PHYSICALLY HANDICAPPED cooperative living project, 561 (abs)

SEX AND COFFEE, a sexual counseling approach, 543 (abs)

SEXUAL ATTITUDE reassessment workshops, effect on spinal cord injured adults, their partners and rehabilitation professionals, 14

SEXUAL COUNSELING and the physical medicine and rehabilitation program, 564 (abs)

SEXUAL FUNCTIONING in women with spinal cord injury, 18

SEXUAL REHABILITATION PROGRAM, assessment of patients and staff reaction, 563 (abs)

SEXUALITY and spinal cord injury, some psychosocial considerations, 264

. . (letter to editor), 458

SHOULDER joint replacement rehabilitation results, 534 (abs)

SHOULDER DISABILITY and acromioclavicular joint, 539 (abs)

SKELETAL MUSCLE slow fibers of rat soleus and plantaris during early denervation, 543 (abs)

SLOWING of nerve conduction velocity in hemiplegia, possible factors, 285

SOCIAL INTEGRATION of the physically disabled into the community, 528 (abs) SOCIAL SKILLS rehabilitation with the newly handicapped, 554 (abs)

SOCKET, semiflexible for below knee prosthesis, 399

SPASTICITY, knee jerk, contraction speed, 553 (abs)
 . . . management with dantrolene sodium, long term followup study, 548 (abs)

. . of bladder sphincter, and catheterization, 498 . . rebound, after drug continuation, 560 (abs)

SPEECH, assessment of oral verbal apraxia, 563 (abs) SPEECH APRAXIA and aphasia in laryngectomies, 174

SPEECH REHABILITATION at nursing home for geriatric patients, 538 (abs)

SPEECH THERAPY for apraxia, case history, 534 (abs) SPINAL CORD LESIONS

. . . abdominal problems, 405 . . . after cervical traction, 455

. . and work, 538 (abs)

. . . adult paraplegic and use of pelvic band, 221

. . . assistive device efficacy for high quadriplegics, 568 (abs)

. . . biofeedback for postural hypotension, 532 (abs) . . . bladder conditioning techniques, 545 (abs)

. . . bone metabolism, 327

. . . calciuria and hydroxyprolinuria, 327

. . . catecholamine metabolism and diazepam, 555 (abs)

. . . female sexual function, 18

. . . flexor withdrawal and stimulus interval, 537 (abs)

. . . from retroperitoneal hemorrhage with heparin, 531 (abs)

. . group therapy, 130

. . . heterotopic ossification, 199

. . . hip heterotopic bone and decubitus ulcers, 355 . . . immobilization hypercalcemia, 552 (abs)

. . . L-norepinephrine digital vascular reactivity, 554 (abs)

. . . paraplegic with pelvectomy, 537 (abs)

. . . patients assessment of rehabilitation needs, 538 (abs) . . . pressure sore, prevention, 161

. . . pneumatic orthosis, 479

. . . problem oriented medical record, 544 (abs)

. . . recumbency and urinary catheter effects in plasma renin and aldosterone, 532 (abs)

. . . renal function, 76

. . . self closing leg-bag valve, 274

. . . serum testosterone and urinary 17-kelosteroid, 555 (abs)

. . . sexual attitude workshops, 14

. . . sexual dysfunction, 11

. . . sexuality, 264

. . . superior mesenteric artery syndrome, 86

. . . translumbar amputation, 359

. . . transurethral bladder neck surgery, 549 (abs)

. . . urinary bladder function and Lioresal, 463

. . . urinary manometry, 187

. . . urinary drainage appliances and bacteriuria, 556 (abs)

. . . with Klippel-Fell syndrome, 363 . . . vesicoureteral reflux, 558 (abs)

SPINDLE, muscle, in human tongue, 557 (abs)

. . secondary receptors, proposed reflex patterns, 1

SPINE, cervical, motion effects of orthoses, 537 (abs)

... cervical, reflex inhibition and electromanipulation, 550 (abs)

SPORTS, wheelchair, 552 (abs)

STAIR-CLIMBING for cardiovascular reconditioning, 533 (abs)

STATUS FORM in responsive rehabilitation, 535 (abs) STENOSIS of lumbar spinal canal, 567 (abs)

STIMULATION, electric, of peroneal nerve in hemiplegia, 237, 240 STIMULUS PARAMETERS, electric, for innervated muscle, 243

STRENGTH and endurance of normal grip, 196 . . . of leg lift, testing technique, 261

STRENGTH EVOLUTION in children, 554 (abs)

STRENGTHENING exercise adaptation of muscle fibers, 545 (abs)

STRETCHER-WHEELCHAIR combination, 499 STROKE, does rehabilitation affect outcome, 375

. . . sequence of electromyographic abnormalities, 468 . . . the relationship of neurologic deficity and comorbid

disease to dependence in ADL and mobility among survivors in Framingham study, 540 (abs)

STROKE PROTOCOL of the Hawaii Heart Association, 551 (abs)

STROKE REHABILITATION, gains in diminishing postdischarge regression, 529 (abs)

. . . outcome and prediction, 383

. . . use of a patient outcome assessment in evaluating its quality, 529 (abs)

SUBOCCIPITAL and cervical facet joint injection complications, 539 (abs)

SUPPRESSIVE EFFECT of vibration, changes early after a stroke, 536 (abs)

SUPRASCAPULAR NERVE lesion in painful shoulder of hemiplegic patients, 549 (abs)

SURVEY OF SELECTED LITERATURE, 94, 186, 225, 278, 323, 371, 503

SWING AND STANCE phase control for above knee amputees, 179

SYNERGISTIC TENOTOMY, effect on chronically denervated slow and fast muscles of rat, 483

T

TARSAL TUNNEL syndrome in rheumatoid arthritis, 539 (abs)

TEAM CARE effectiveness in chronic disease, a critical review of the literature of the past 20 years, 541 (abs)

TELEMETERED monitoring of physically disabled cardiacs, 555 (abs)

TEMPERATURE DISTRIBUTION produced in models by three microwave applicators at 433.92 megahertz, 145

TENDON REFLEX latencies in the upper extremity, 546 (abs)

TENNIS ELBOW associated with decreased shoulder internal rotation and cervical radiculopathy, 553 (abs)

TENOTOMY and muscle atrophy, 542 (abs)

. . of synergists, effects on chronically denervated muscle, 483

THERAPEUTIC CAPITALIZATION as a prime modality of the rehabilitation team dealing with catastrophic injury, 534 (abs)

THERAPEUTIC GROUPS for patients with spinal cord injuries, 130

THERMOGRAPHY, an aid in management of insensitive feet and stumps, 205

THERMOTHERAPY, evaluation of three devices, 531 (abs)

TIME CARE PROFILE, an evaluation of a new method of assessing ADL dependence, 110

TOLERANCE for work and extreme obesity, 63 TONGUE, human, muscle spindle function, 557 (abs)

TORTICÓLLIS, acute, electrotherapy, 550 (abs) . . . congenital muscular, 535 (abs)

TOWARD equal opportunities in recreation for the disabled (editorial), 135

TOXIC peripheral neuropathy electrodiagnostic findings, 544 (abs

TRAINING, continuous and interval, after myocardial infarction, 72

. . . of cats with motor deficits, 568 (abs)

. . . physical, responses of middle-aged adults, 250 team, in rehabilitation medicine, 529 (abs)

TRAINING EXAMINERS to administer a quantitative neurological examination for a multicenter clinical

TRAINING FREQUENCY as a determinant for improvement in cardiovascular function and body composition of middle-aged men, 141

TRAINING PROCEDURES and biofeedback methods to achieve controlled partial weight bearing, an assessment, 449

TRANSFER modification of wheelchairs, 369

TRANSITIONAL LIVING PROGRAM for severely disabled, ADL-dependent persons, 533 (abs)

TRANSPORTATION by bus of arthritics, 559 (abs) TRANSLUMBAR AMPUTATION for nonneoplastic

cause, rehabilitation and follow-up, 359 TRANSURETHRAL bladder neck surgery in spinal cord

injured patients, 549 (abs) TRAUMATIC BRAIN STEM INJURIES, their differen-

tiation from brain injuries and their rehabilitation, 562 (abs)

TRAUMATIC QUADRIPLEGIA associated with Klippel-Feil syndrome, discussion and case reports, 363

TRIGGER FINGER and carpal tunnel syndrome, 541

TROCHANTERIC BURSITIS simulating radiculopathy in acute and chronic lumbar discogenic disease, 564 (abs)

U

ULCERS, decubitus, unilaterally with heterotopic bone about the hips, 355

. . . ischemic, mechanical resting surface effect, 547 (abs)

. . . pressure, flotation pad, 40

pressure, prevention with operant conditioning, 161 UNDERGRADUATE teaching programs in physical medicine and rehabilitation in American medical schools,

UNIFYING THEORY of electrical and mechanical activities in skeletal muscles, 194

UNNA DRESSING (letter to editor), 224

UPPER EXTREMITY electrophysiological orthosis, 507 URETHROANAL reflux, 218

URINARY bladder function and Lioresal, 463

. . . drainage appliances and bacteriuria, 556 (abs)

. . . 17-Kelosteroid and serum testosterone in spinal cord injury, 555 (abs)

URINARY CATHETER and recumbency, and plasma renin and aldosterone in quadriplegia, 532 (abs)

URINARY CATHETERIZATION in severe sphincter spasticity, report of two cases, 498

URINARY MANOMETRY in patients with spinal cord injury, neurological considerations in the rehabilitation of acute and chronic neurogenic bladder, 187

URINARY OUTPUT and incidence of acute urinary infections, 538 (abs)

URINARY pH, effect of prescribed regimes of cranberry juice and ascorbic acid, 536 (abs)

VELOCITIES and loads, isokinetic and muscular power,

VERLO ORTHOSIS, experience with different levels in normal children, 120

VESICOURETERAL REFLUX progression in patients with spinal cord injury, 558 (abs)

VIBRATION, suppressive effect changes after stroke, 536 (ahs)

VOCATIONAL adjustment after laryngectomy, 521, 539 (abs)

potential assessment, 33

VOCATIONAL DIAGNOSIS through assessment of functional limitations, 513

VOCATIONAL STATUS of multiple sclerosis patients in Israel, 300

VOICE CONTROLLED WHEELCHAIR, 532 (abs)

VOLUNTARY SKELETAL MUSCLES, a unifying theory on the relationship of their electrical and mechanical activities, 194

W

WECHSLER MEMORY SCALE, analysis in hemiplegia, 517

WEIGHT BEARING below knee brace for arthritic foot, 176

partial, training and biofeedback, 449

WEIGHT LOADING of legs for physical conditioning, 255

WHEELCHAIR, voice controlled, 532 (abs)

WHEELCHAIR MODIFICATIONS for easy transfer, 359 WHEELCHAIR SPORTS, an under-utilized rehabilitation tool, 552 (abs)

WHEELCHAIR-STRETCHER combination, 499

WORK following traumatic spinal cord injury, 538 (abs)

of walking with above knee amputation, 67 WORK TOLERANCE and extreme obesity, 63

XYZ

XEROGRAPHIC studies in evaluating prosthetic fitting, initial report, 566 (abs)

A

Abraham, R. D., 365 Abramson, A. S., 463, 560 Acimovic, R., 507 Addison, R. G., 528 Alba, A., 545 Albrecht, G. L., 528, 542 Alexander, J., 169, 554 Alexander, M., 545, 546 Alter, A., 567 Anderson, A. D., 165, 528 Anderson, C., 14 Anderson, E. M., 529 Anderson, T. P., 101, 529 Arndts, L., 529 Arnhold, R., 375, 383 Aseff, J., 546, 552 Athelstan, G. T., 264, 513, 529 Auster, J., 565 Awad, E. A., 530, 531, 537, 557

Bailey, M., 27 Baker, A., 561 Baldridge, M., 529 Baran, E., 363 Barkdoll, D., 172 Bar-Sela, A., 530 Basmajian, J. V., 231, 237, 285 Bender, L. F., 49, 169 Bendler, E. M., 540 Bergen, W., 557 Bergtholdt, H. T., 205 Betts, H. B., 279, 528 Bigwood, A. W., 521, 539 Billmaier, D., 544 Bloom, R. J., 562 Bluestone, S. S., 500 Blum, M. V., 352 Boblitz, M. H., 552, 559 Bolger, J. T., 36 Borrell, R. M., 531 Bosch, P., 492 Botvin, J. G., 317, 531 Boucher, S. J., 548 Bowar, J. F., 531, 537 Braddom, R. L., 531 Brand, P. W., 205 Brown, J. R., 174 Brucker, B. S., 532, 545 Buck, T. M., 261 Burton, C., 172

Cafarelli, E., 524 Calliet, R., 97 Campbell, S., 551 Capell, J., 532 Campos, R. J., 327 Carter, R. E., 327, 532, 560 Caterina, G. L., 534 Chambers, K. H., 375, 383 Chambers, W. W., 568 Chandrapal, H., 83 Chen, L. Y., 551 Chilgren, R. A., 14 Chino, N., 22 Chu, D. S., 359 Chung, T. S., 27, 555, 561

AUTHOR INDEX

Clark, J. A., 532 Claus-Walker, J., 532 Cloran, A. J., 533 Cockrell, J. L., 22 Cole, T. M., 8, 14, 561, 564 Columbus, D. B., 122 Cooper, K. H., 141 Corcoran, P. J., 67, 533 Cress, R. H., 537 Crewe, N. M., 513, 529 Cummings, V., 8, 169 Cvilak, G., 507

Dabul, B. L., 534, 563 Danziger, R., 369 Danziger, U., 369 Davies, C. T. M., 340 Davis, J. E., 218 Davis, L. J., 562 Davis, R., 161 Davis, W. S., 359, 487, 547 Dawber, T. R., 540 Dawson, W. J., 551 DeLateur, B. J., 45, 221, 375, 383 Demeny, M., 555 Demopoulos, J. T., 534, 548, 565 Denny, S. T., 468 DiBenedetto, M., 534 Dillon, T. J., 534, 535 Dinsdale, S., 269 Ditunno, J. F., Jr., 317, 483, 542, 543, 545, 555, 559 Dodd, G., 566 Donaldson, R. C., 156 Donovan, W. H., 79 Downey, J. A., 58 Dugdale, F. E., 309, 547 Dunn, M. E., 161

Eckman, M. J., 530 Erdman, W. J., II, 540 Ehrlich, S., 535 Eng, G. D., 535, 568 Equi, P. J., 535

Fay, F. A., 533 Feibel, A., 47, 463, 560 Feinberg, S., 536 Ferguson, M. B., 529 Ferguson, V., 172 Ferrante, F. M., 534 Fisher, M. A., 536 Fisher, S. V., 537 Fitzpatrick, T. E., 540 Fletcher, C., 33 Fletcher, F. R., 546 Foca, F. J., 47 Fok, S. K., 551 Folsom, J. C., 172 Foppe, K. B., 104 Foss, M. L., 63 Fowler, R. S., Jr., 375, 383 Fowler, W. M., 565 Frewin, D. B., 58

Fried, P., 551 Friedmann, L., 169 Fuhrer, M. J., 537

Gans, B. M., 194, 498, 537 Gent, M., 269 Gerken, C., 209 Gersten, J. W., 104 Gersten, R., 104 Getchell, L. H., 250 Ghiulamila, R. I., 537 Gibson, C. J., 474, 538 Gingras, G., 548 Gipson, M., 104 Glass, D. D., 552 Glazeroff, H. B., 538 Goda, S., 538 Goldberg, R. T., 521, 539 Goldman, R. F., 255 Goodley, P. H., 539 Goodman, C. E., 352 Gottesman, J. R., 539, 556 Gottlieb, H., 563 Grabois, M., 122, 539, 540 Gracanin, F., 243 Granger, C. V., 542 Greenspun, B., 540 Gresham, G. E., 540 Griffin, J. M., 156 Griffith, E. R., 8, 18, 541 Gove, R., 557 Grobelnik, S., 507 Grueter, B., 104 Grzesiak, R. C., 541 Gullickson, G. G., Jr., 529, 537 Gutfeld, N., 554 Gutknecht, G., 33 Guy, A. W., 145 Guyon, M. A., 541 Guyton, J. D., 568

H Hahn, H. R., 534, 535 Hallauer, D. S., 567 Halper, A. S., 544 Halstead, L. S., 110, 327, 531, 541, 542 Halstead, M. G., 542 Hamilton, B. B., 304, 542 Harris, D. H., 539, 556 Harsanyi, S. L., 135 Hartley, R. B., 110 Harty, M., 560, 562 Hassard, G. H., 355 Hataway, C. J., 199 Held, C. A., 14 Held, J. P., 14 Henderson, W. G., 289 Henley, E. J., 531 Herbison, G. J., 317, 405, 483, 542, 543, 545, 554 Hill, E., 549 Himmelwright, M., 40 Hinterbuchner C., 27, 179, 566 Hirschfeld, A. H., 543 Hivry, N., 27 Ho, P., 531 Hockersmith, V., 563 Hoehn, H. G., 537

Hohmann, G. W., 8 Holden, B., 543 Honet, J. C., 346, 541 Hoskins, T. A., 544 Houston, H., 104 Hubbell, M. K., 531 Hurd, M. M., 544 Huret, J. S., 544 Hurka, R., 375, 383 Hussey, R. W., 544

I

Ibrahim, G. A., 530, 544 Imai, K., 552 Ince, L. P., 532, 545

J

Jackson, R. R., 534, 535 Jacob, M. V., 83 Jaweed, M. M., 483, 542, 543, 545, 554 Jing, B., 566 Johnson, E. W., 47, 468, 544, 545, 546, 557, 568 Johnson, R. J., 553 Johnston, R., 549 Johnstone K., 553

K

Kahnana, E., 300 Kannel, W. B., 540 Kantrowitz, A., 346 Kaplan, J. R., 517 Karam, D. B., 546 Katz, J. F., 499 Kavanagh, T., 72 Kaye, S. M., 558 Kazdan, N., 548 Keagy, R. D., 304 Keenan, R. E., 548 Keith, R. L., 174, 562 Kelley, J. P., 468 Kenrick, M. M., 352 Kern, J., 558 Kerstein, M. D., 309, 547 Killer, R., 563 Kim, S. P., 547 Kimura, J., 492 Kline, G., 269 Knunadorn, F., 549 Koenig, W., 546 Koepke, G. H., 22 Kolwicz, R., 274 Komlos, A., 565 Kosiak, M., 547 Kottke, F. J., 1, 76, 529, 531, 557 Kraft, G. H., 80, 333, 537 Krewer, S. E., 561 Kubicek W. G., 390 Kukulka, C. G., 231, 237, 285

L

LaBan, M. M., 548, 553 LaBay, P. C., 548 LaBree, J. W., 390 Ladd, H. W., 548 Lampman, R. M., 63 Lane, M. E., 534, 548, 565 Leavitt, L. A., 566 Lee, I. Y., 549 Lee, K. H., 549 Lehmann, J. F., 145, 221, 375, 383, 536, 550, 556
Lerner, E., 309, 547
Levine, S. A., 463, 560
Levy, D., 179
Liao, S. J., 172, 550
Liberson, W. T., 550, 551
Lidsky, M. D., 539
Lidz, C., 563
Lieberman, A. N., 319
Lindsay, G. M., 492
Linnerud, A. C., 141
Lippmann, H. I., 224
Liu, C. N., 568
Loehnen, E., 562
Long, M., 538
Lowe, P. J., 399
Lowman, E. W., 487, 554, 555

M

Mackay, S., 399 Mac Lean, I. C., 551 Madorsky, A., 563 Magnusson, D. L., 551 Malament, I. B., 161 Manning, D., 555 Manthey, A., 40 Marquette, C. H., 396 Marshall, C. H., 487 Martin, J. A., 532 Masock, A. J., 375, 383 Materson, R. S., 533, 551, 552 Matsko, T. A., 552 Maxwell, S., 104 Maynard, F. M., 552 McCann, C., 552 McClure, W. J., 529 McGarrity, M., 479 McHugh, R. J., 533 McNamara, P. M., 540 McNeal, D. R., 240 Meadows, G. K., 513 Meerschaert, J. R., 548, 553 Meier, R. H., III, 327, 543, 553 Melampy, N. D., 541 Mendelovici, F., 566 Mentari, A., 553 Merletti, R., 507 Metz, K. F., 524 Mikishko, H. A., 22 Mikolich, L. M., 554 Miller, D. K., 130 Miller, H. S., Jr., 141 Miller, L. S., 405, 554 Miller, P. J., 562 Milner, M., 237 Milner, R., 269 Mirrett, P., 104 Molnar, G. E., 554 Monga, T., 564 Moon, A. H., 538 Moore, J. C., 115, 250 Morales, P., 549 Morgan, C., 33 Muilenberg, A., 553, 566 Myers, S. J., 58

N

Naftchi, N. E., 487, 554, 555 Narayan, M. G., 231, 237, 285 Naso, F., 212, 500, 555 Neuman, J., 538 Newman, E., 183, 555, 556 Nickerson, J., 40 Nickey, K. E., 556 Noble, B. J., 524 Noordergraaf, A., 194 Nwuga, V. C., 296

0

Ofir, R., 479 Ogg, H. L., 169 Oh, S. J., 312 Olshan, N. H., 539, 556 Olson, M. E., 76 O'Neil, J., 555 Osternig, L. R., 152 Ozel, A. T., 557

F

Palsgrove, P. L., 568 Pandolf, K. B., 255, 524 Paradis, R., 40 Parker, W. D., 546 Pated, K. K., 551 Paul, B. J., 537 Paulson, G. W., 545 Pearson, J. R., 22 Penebaker, C., 557 Perkash, I., 557 Peny, J., 546 Phares, W. S., 531 Philips, V. K., 557 Piepgras, D. G., 562 Pollock, M. L., 141 Pomfret, D. B., 558 Poor, C., 33 Popper, J., 551 Potvin, A. R., 289 Powell, J. T., 551 Pratt, R. C., 534 Price, M., 76, 183, 555, 556, 558 Priestley, L. B., 558 Pritikin, N., 558 Pritikin, R., 558 Puentes, J. A., 539

Q

R

Radecki, P. L., 545, 546 Radhakrishnan, M., 83 Ragnarsson, K. T., 479, 549, 554 Raikes, J. A., 346 Ramos, M., 86, 390 Ransohoff, J., 555 Rao, V. R., 559 Reed, H. B. C., 558 Rees, L. F., 558 Reinhard, O., 187 Reinstein, L., 396, 559 Remole, W., 390 Reyes, R. L., 67 Roberts, C., 40 Roemer, R. B., 532 Rogers, E. J., 517 Romano, M. D., 559 Roos, J., 533 Rose, D. L., 51 Rosenberg, P. P., 529 Rosenthal, D., 552, 559 Rossier, A. B., 187, 544

Rothermich, N. O., 557 Roussan, M. S., 187, 548, 560 Rozin, R., 300, 369 Rubenfire, M., 346 Ruskin, A. P., 218

Sakuma, J., 179, 566 Salhoot, J. T., 560 Sand, P. L., 120 Sandzen, S. C., 560 Sargeant, A. J., 340 Sarno, J. E., 560 Saturen, P., 561 Saunders, W. H., 546 Schaeffer, J. N., 543 Schaufler, J., 561 Schertzer, G., 375, 383 Schiff, Y., 300 Schinsky, L., 156 Schteingart, D. E., 63 See, D. H., 80 Sell, G. H., 274, 479, 547, 549, 554, 555, 568 Shahani, B. T., 536 Sheedy, P. F. 562 Shephard, R. J., 72 Sherman, E. D., 548 Siegel, I. M., 322 Silber, M., 27 Singh, M., 261 Skelly, M., 156 Smiehorowski, T., 549 Smith, R. W., 156 Soffer, D., 300 Spencer, W. A., 327, 532 Spiegel, M. H., 130 Spielholz, N., 319 Stassen, E., 561 Staas, W. E., Jr., 396, 405 Sterescu, L. E., 224 Stern, P. H., 561 Sternschein, M. J., 58

Stock, D. D., 561 Stone, R., 499 Stolov, W. C., 498, 562 Stonebridge, J. B., 145 Stonnington, H. H., 562 Stover, S. L., 199 Stow, R. W., 568 Strax, T. E., 363, 563 Strite, L. C., 563 Sullivan, R. A., 125 Sutton, S. M., 563 Sverdlik, S. S., 561 Swezey, A. M., 564 Swezey, R. L., 176, 564 Symington, D. C., 399, 564 Szymke, T., 564

Takebe, K., 231, 237, 285 Tamhankar, M. N., 534, 548, 565 Tasto, J., 240 Taylor, N., 120 Taylor, R. G., 565 Taylor, R. S., 551 Teal, J. C., 264 Templer, J. A., 533 Thielges, J., 33 Thomas, M. H., 557 Tillman, H. H., 565 Tobis, J. S., 8 Tourtellotte, W. W., 289 Traugh, G. H., 67 Travell, J., 566 Treanor, W. J., 223 Trieschmann, R. B., 8, 18 Trnkoczy, A., 243 Trontelj, J., 566 Truex, L., 538 Tucker, J., 125 Twardy, B., 560

U

Vanace, P. W., 365 Varghese, G., 27, 566 Verghese, M., 83 Viau, A. T., 487, 555 Villanueva, R., 566

Wajszczuk, W. J., 346 Walpin, L. A., 567 Wang, P. L., 517 Warren, C. G., 145, 221, 375, 383, 550, 567 Waters, R. L., 240 Watson, R., 216 Watt, E., 63 Waylonis, G. W., 554, 567 Weingarden, H. P., 545 Weir, C., 224 White, G., 562 Whitmore, J. J., 375, 383, 567 Wiechers, D., 557, 568 Wilke, H., 169 Williams, M., 40 Wilson, R. A., 562 Wolf, P. A., 540 Wolfe, C. V., 531 Wolfe, M., 130 Woodbury, L., 558

X

Yang, C. J., 359 Youdin, M., 274 Young, R. R., 536 Yu, J., 540, 551, 553, 568

Zeiger, H. E., 199 Zimmer, H., 309, 547 Zimmerman, M. E., 568 Zimmerman, T., 498 Zweber, B., 530

INDEX TO PAGES

Volume 56—January-December, 1975

| July279-326 | January 1-48 |
|------------------|----------------|
| August327-374 | February 49-96 |
| September375-418 | March 97-140 |
| October419-462 | April141-186 |
| November463-506 | May187-230 |
| December507-568 | June231-278 |

